

# Mapping Census 2010: Social-Demographic Diversity in Aruba

*Census 2010 Special Reports*

*Issued September 2012*

## **Copyright reserved**

Use of the contents of this publication is allowed, provided the source is clearly stated

## **Where to order**

Central Bureau of Statistics  
L.G. Smith Boulevard 160,  
Oranjestad,  
Aruba,  
Dutch Caribbean  
Phone: (297-58) 37433  
Fax: (297-58) 38057

Price per copy: Afl. 20,= or US\$ 12,=  
For mail orders outside Aruba include US\$ 5.00 for postage and handling

Payments should be settled in advance.

## Preface

The current publication is part of a series based on the fifth Population and Housing Census of Aruba, which was held in September-October 2010. It provides visual insight into the regional distribution of many social, economic, and demographic indicators for Aruba. By presenting the data as maps, the atlas provides a graphical image of the distribution of important demographic, social and economic characteristics of the people living in Aruba. The atlas is a joint operation of a small team of staff members working at the Central Bureau of Statistics of Aruba. The activities were coordinated by Drs. M.R. Vigelandzoon as were the drawing up of the tables. Mr. Randy van der Biezen and Mr. Hubert de Cuba were entrusted with drawing up maps, using the computer program 'Mapinfo'.

We hope that this publication will help regional planners with their work and that it will provide the public with a better understanding of the regional differences in Aruba.

Drs. M.J. Balkestein  
Director Central Bureau of Statistics, Aruba.





Contents

Preface

Table of contents

Introduction

Map total Population of Aruba by zone

Total Population of Aruba by zone

Population Tables

A. Tables with general characteristics of the population

P-A.1 Population density: number of persons per km²

P-A.2 Sex ratios

P-A.3 Median age

P-A.4 Dependency ratios

P-A.5 Percentage of the population 65 years of age and older

P-A.6 Percentage of the population 14 years of age and younger

B. Tables with the living arrangements of the population

P-B.1 Nuclear households as a percentage of total households

P-B.2 Percentage of extended and composite households

C. Tables with migration characteristics of the population

P-C.1 Foreign-born population as a percentage of total population

P-C.2 Foreign-born population, that came to Aruba for the last time before january 1st 1986, as a percentage of the total population

P-C.3 Foreign-born population, that came to Aruba for the last time after January 1st 1986, as a percentage of the total population

D. Tables dealing with languages spoken in the households

P-D.1 Percentage of population with papiamentu as mostly spoken language in the household

E. Tables dealing with health aspects of the population

P-E.1 Percentage of population with difficulty seeing

P-E.2 Percentage of population with difficulty hearing

P-E.3 Percentage of population with difficulty walking or climbing steps

P-E.6 Percentage of population with difficulty communicating

F. Tables dealing with educational characteristics of the population

P-F.1 Percentage of population in age group 14-19 years who attend school

P-F.2 Percentage of school attending population who go to school outside their own zone

P-F.4 Percentage of population not attending school, 14 years of age and over, who have a high educational attainment (ISCED, 5, 6)

P-F.5 Percentage of population illiterate, 14 years of age and older

G. Tables dealing with the marital status of the population

I P-G.1 Percentages of persons, 14 years and older, who are married 50

II P-G.2 Percentage of persons 14 years of age and over living together on a durable basis 52

1

2 H. Tables on the fertility of the female population

P-H.1 Average number of children ever born by women age groups 14-49 years 54

I. Tables dealing with the economic activity of the population

P-I.1 Percentage of population 14 years and over who are economically active 56

P-I.2 Percentage of unemployed population 14 years and over 58

4 P-I.3 Percentage of foreign born workers in zone of working place 60

6 P-I.4 Percentage unemployed female population 62

8 P-I.5 Percentage unemployed youth 64

10

12 J. Tables on the income distribution of the population

14 P-J.1 Median income for persons 14 years and older 66

P-J.2 Median household income 68

Housing Tables

A. Tables on the type of living quarters

H-A.1 Mean number of persons per non-collective household 70

20 H-A.2 Density of household units 72

22 B. Tables with general characteristics of the living quarter

H-B.1 Percentage of rented housing units 74

24 H-B.2 Average rent per housing unit 76

C. Maps on some construction aspects of the living quarter

26 H-C.1 Percentage of housing units in very poor condition 78

H-C.2 Percentage of housing units owned 80

E. Maps on transport

30 H-E.1 Number of automobiles per 100 persons 82

32

34 F. Maps on amenities in the home

36 H-F.1 Percentage of housing units with internet connection(via computer) 84

38 H-F.2 Percentage housing units with telephone connection 86

H-F.3 Percentage of housing units with at least one computer 88

H-F.4 Percentage housing units with 1 of more cellular phones 90

40

42 G. Maps on other characteristics of the living quarters

44 H-G.1 Percentage of households suffering from crime 92

46 H-G.2 Percentage households suffering from flooding 94

48 H-G.3 Percentage households suffering from dust 96

H-G.4 Percentage households suffering from stray dogs 98

# Introduction

*Mapping Census 2010: Social-Demographic diversity in Aruba* (Census Special Reports) presents a synthesis of the basic patterns and changes in the distribution and composition of the people of Aruba in the last decade. Each map and table features zone-level details for each of the 55 zones. The data in this report are based on the Fifth Population and Housing Census 2010 held in Aruba during September-October 2010. The report presents pairs of maps and tables on facing pages. Aruba is a small island of 180 km<sup>2</sup> with a population of 101,484 persons. In such a small country one would not expect large regional differences. This atlas shows the regional distribution of many social, demographic, and economic indicators of the population residing on Aruba. The maps show that there are large regional differentials in the characteristics of the population of Aruba. For purposes of regional planning it is important to be able to pinpoint those regions with particular social and economic characteristics, such that adequate actions can be taken.

# Maps

The report presents pairs of maps and tables on facing pages on the following subjects:

## P. Population Maps

- A. General characteristics of the population
- B. Living arrangements of the population
- C. Migration characteristics
- D. Languages spoken in the household
- E. Health aspects of the population
- F. Educational characteristics of the population
- G. Marital status of the population
- H. Fertility
- I. Economic activity status
- J. Income distribution of the population

## H. Housing Maps

- A. Type of living quarters
- B. General characteristics of the living quarters
- C. Construction aspects of the living quarters
- E. Car ownership of occupants of the living quarters
- F. Amenities in the living quarters
- G. Other characteristics of the living quarters

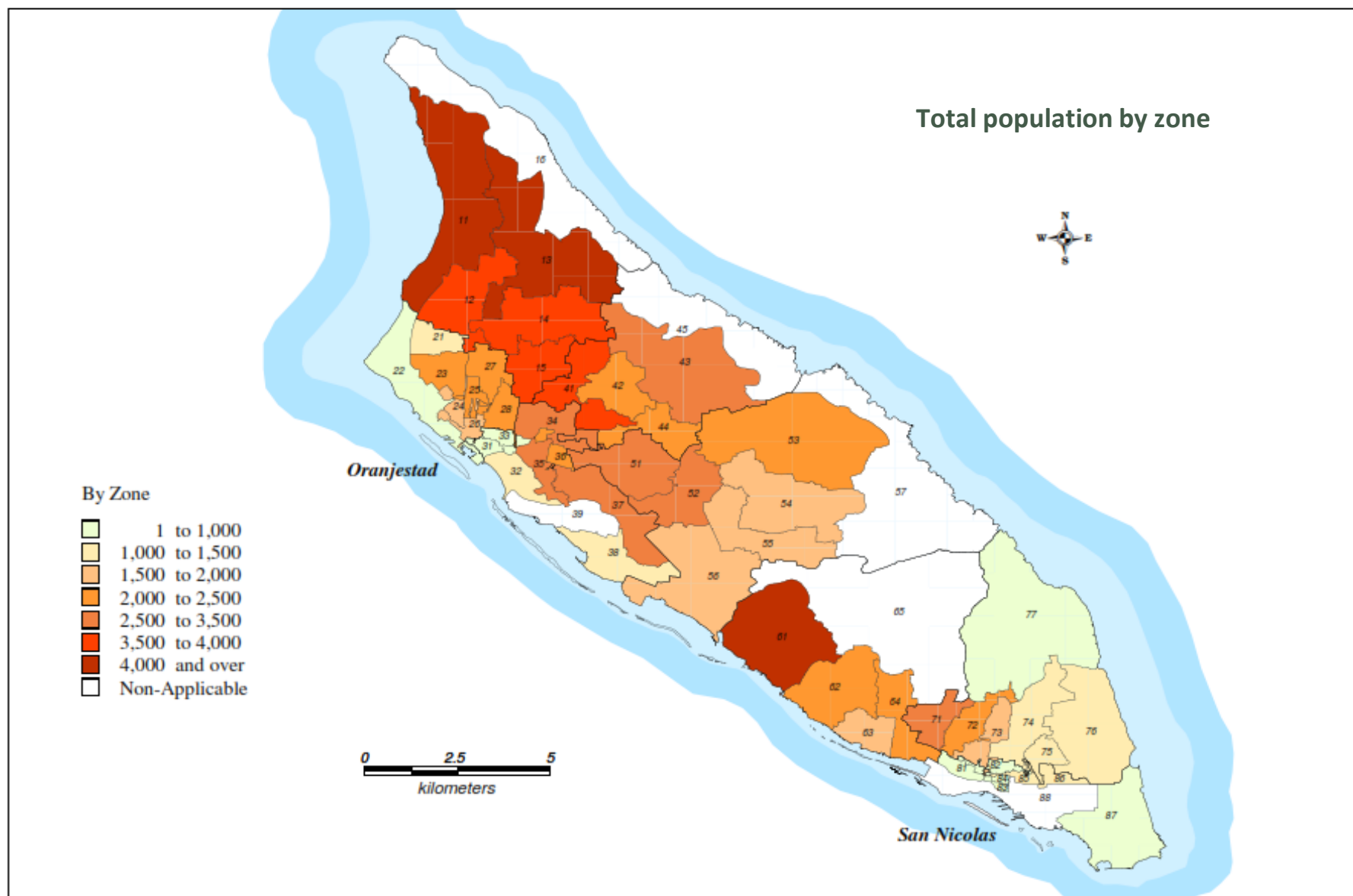
For each map in the atlas, the corresponding figures for the areas under study are presented in a separate table. Moreover, a brief explanation is given about the contents of each map. Where necessary, the way in which the tables were set up is briefly explained. As the maps are self-explanatory, descriptions of trends and patterns are kept to a minimum.

The 'Geographical divisions provided in the Social Atlas are based on the Geographical Address Classification Aruba (GAC), developed at the Central Bureau of Statistics Aruba. The GAC has a hierarchical structure consisting of three levels: region, zone, and street/bario. Aruba is divided in 8 regions: Noord/Tanki Leendert, Oranjestad West, Oranjestad East, Paradera, Santa Cruz, Savaneta, San Nicolas North, and San Nicolas South. Each region was further subdivided into zones, and finally into streets/barios.

The GAC can be used for a wide range of applications, beyond the borders of mere statistical classification. The full explanation of the GAC system can be found in the CBS publication 'GAC 2010 Geografische Adressen Classificatie Aruba' .

A one-digit code was given to each region. A two-digit code was assigned to the zones; and a five-digit number to the streets and barrios. In the following pages, two maps are presented depicting the division of Aruba into regions and zones. Table 1 presents the corresponding regions and zones for the maps, and the number of persons for each zone. The next table presents the area in square kilometers, and the population density per square kilometer.

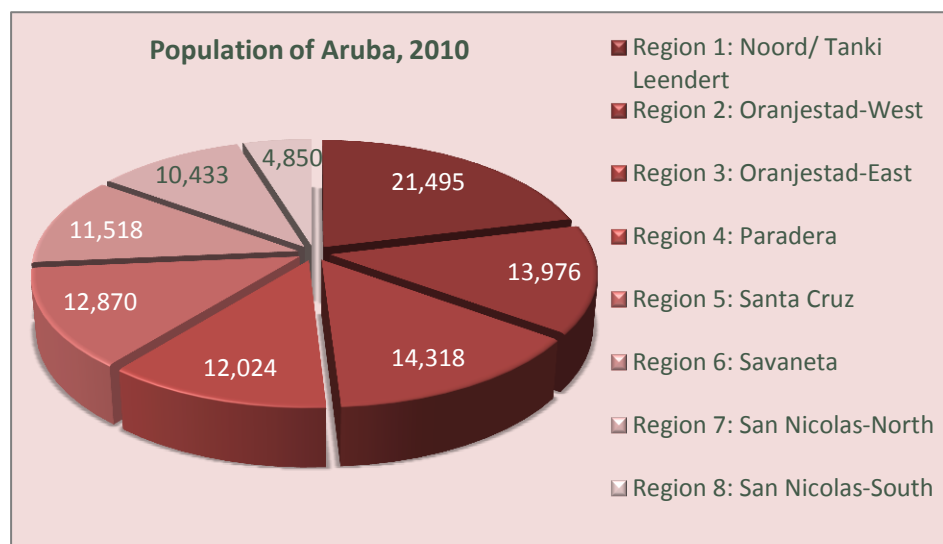
Most of the maps in the report are colored maps. Colors are used to fill zones to represent mapped data values. The map legends (on the left side of each map) list the range of data values that each color represents. Some zones have very few people. For reasons of privacy these zones were made 'non-applicable'.



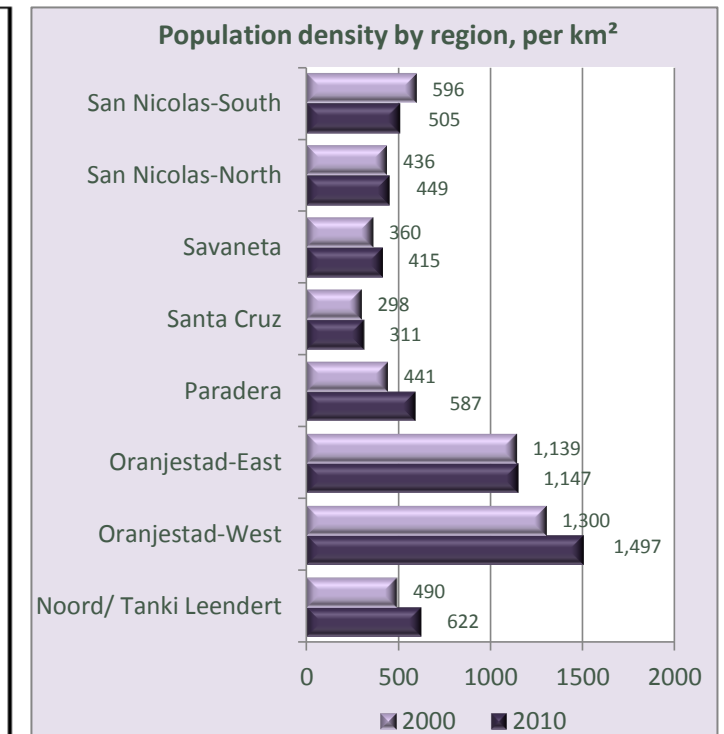
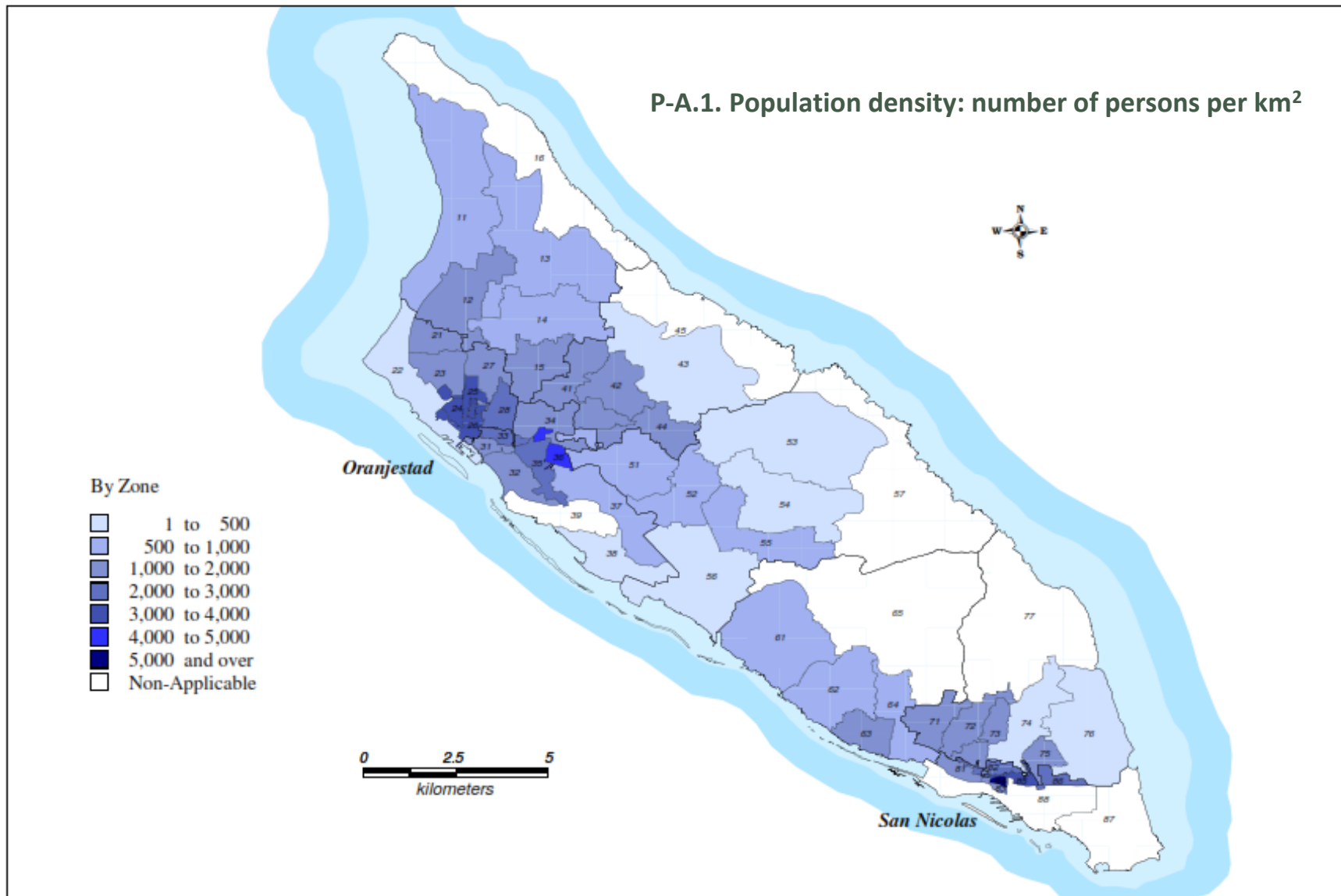
## Total population of Aruba by zone

According to the Fifth Population and Housing Census 2010, the total population of Aruba stands at **101,484 persons** with **48,241 males** and **53,243 females**. Compared to the 2000 Census, the population of Aruba shows a growth of 12%. According to the 2010 Census 66% of the population was born in Aruba and 34% is foreign born. The population consists of persons with 96 different nationalities and from 133 different countries of birth. The majority of residents indicated that Papiamentu was the language most often spoken in the household (68%) and the majority of the population indicated being Roman Catholic.

The table shows that the growth of the population is particularly high in some specific zones, such as 'Alto Vista' (43%), and 'Madiki Kavel' (56%). 'Shiribana' sets the record with a 78% growth during the past 10 years. Remarkable is the negative growth of the population in most of the zones of San Nicolas, with 'San Nicolas South other' dropping a full 100% and 'Seroe Colorado' dropping 46% in their population numbers. The zone of 'Juana Morto' registered a 47% increase in its population, with a particular high number of males in that area. The fact that the prison is situated in this zone, is the most probable explanation for the relatively higher number of males in this zone.



	2000	2010		2000	2010
	Abs.	Abs.		Abs.	Abs.
<u>Region 1: Noord/ Tanki Leendert</u>			<u>Region 5: Santa Cruz</u>		
11 Palm Beach/Malmok	4,024	5,105	51 Hooiberg	2,806	2,753
12 Washington	3,178	3,919	52 Papilon	2,468	2,538
13 Alto Vista	3,380	4,819	53 Cashero	2,033	2,246
14 Moko\Tanki Flip	3,127	3,840	54 Urataca	1,480	1,749
15 Tanki Leendert	3,233	3,811	55 Macuarima	1,856	1,892
16 Noord other	2	-	56 Balashi/Barcadera	1,683	1,692
<u>Region 2: Oranjestad-West</u>			57 Santa Cruz other	-	-
21 Pos Abao/Cunucu Abao	932	1,179	<u>Region 6: Savaneta</u>		
22 Eagle/Paardebaai	398	431	61 Pos Chiquito	4,121	5,259
23 Madiki Kavel	1,522	2,375	62 Jara/Seroe Alejandro	2,269	2,490
24 Madiki/Rancho	1,651	1,541	63 De Bruynewijk	1,692	1,678
25 Paradijswijk/Sta.Helena	1,807	2,005	64 Cura Cabai	1,914	2,091
26 Socotoro/Rancho	2,015	1,929	65 Savaneta	-	-
27 Ponton	1,789	2,057	<u>Region 7: San Nicolas-North</u>		
28 Companashi/Solito	2,016	2,460	71 Brasil	2,338	2,522
<u>Region 3: Oranjestad-East</u>			72 Rooi Congo	2,297	2,262
31 Nassaustraat	774	756	73 Watapana Gezaag	1,820	1,817
32 Klip/Mon Plaisir	1,554	1,377	74 Standardville/Rooi Hundo	1,191	1,177
33 Sividivi	955	935	75 Kustbatterij	1,555	1,328
34 Seroe Blanco/Cumana	2,403	2,577	76 Juana Morto	873	1,284
35 Dakota/Potrero	2,850	2,676	77 San Nicolas-North other	44	43
36 Tarabana	2,199	2,061	<u>Region 8: San Nicolas-South</u>		
37 Sabana Blanco/Mahuma	2,534	2,921	81 Zeewijk	780	596
38 Simeon Antonio	955	1,015	82 Pastoor Hendrikstraat	1,073	970
39 Oranjestad-East other	-	-	83 vd Veen Zeppenfeldstraat	282	194
<u>Region 4: Paradera</u>			84 Village	753	730
41 Shiribana	2,073	3,700	85 Essoville	1,176	1,046
42 Paradera	2,211	2,486	86 Lago/Esso Heights	1,246	1,112
43 Ayo	2,704	3,418	87 Seroe Colorado	377	203
44 Piedra Plat	2,050	2,419	88 San Nicolas-South other	42	-
45 Paradera other	-	-	<b>Total Population of Aruba</b>		
				<b>90,506</b>	<b>101,484</b>



Top 5 zones with lowest population density		Persons per km <sup>2</sup>
San Nicolas-North other		4
Seroe Colorado		46
Eagle/Paardebaai		127
Juana Morto		239
Balashi/Barcadera		275

Top 5 zones with highest population density		Persons per km <sup>2</sup>
Village		7,544
Tarabana		4,564
Socotoro/Rancho		3,864
Paradijswijk/Sta.Helena		3,834
Essoville		3,704

## P-A.1. Population density: number of persons per km<sup>2</sup>

The population density of a country is simply the average number of persons per square kilometer. In this case, the population density was calculated for each zone in Aruba.

The formula we used is:

**(No. of persons living in a particular zone)**

**(No. of square kilometers of a particular zone)**

With a population of 101,484 persons and a total area of 179 km<sup>2</sup>, Aruba has a population density of 567.2 persons per square kilometer. Thus, Aruba is more densely populated than the Netherlands, where there are 440 persons per square kilometer.

According to the Demographic Yearbook of the United Nations, in 2008, the most densely populated city on earth was Macao. This city-state (China) has an average of 18,705 persons per square kilometer. The population densities for the different continents are as follow: North America 16; Europe 32; Africa 33; and Oceania 4 persons per square kilometer. The Caribbean is, in comparison with other regions, very densely populated: 178 persons per km<sup>2</sup>. Among all the countries in North and South America, and in the Caribbean, Aruba is the third most densely populated country, after Bermuda (1,181 per km<sup>2</sup>), and Barbados (639 per km<sup>2</sup>).

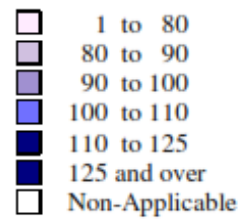
The map on page 3 clearly shows the uneven distribution of the population of Aruba across the island. Obviously, the urban centers of Oranjestad and San Nicolas show the highest population density. According to the 2010 Population Census, the most densely populated zone on Aruba is 'Village' with an average of 7,544 persons per square kilometer. Large parts of the Northern territory of Aruba remain uninhabited. The zones with the highest percentage of growth between the 2000 and the 2010 Census are 'Shiribana' (78%) and 'Madiki Kavel' (56%), while the zone with the highest negative growth is 'Seroe Colorado' (-46%).

	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>	<u>Abs.</u>	<u>Abs.</u>	<u>Region 5: Santa Cruz</u>	<u>Abs.</u>	<u>Abs.</u>
11 Palm Beach/Malmok	536	681	51 Hooiberg	792	777
12 Washington	927	1,143	52 Papilon	885	911
13 Alto Vista	430	613	53 Cashero	229	252
14 Moko\Tanki Flip	728	894	54 Urataca	286	338
15 Tanki Leendert	1,502	1,771	55 Macuarima	536	546
16 Noord other	-	-	56 Balashi/Barcadera	274	275
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	924	1,168	61 Pos Chiquito	695	886
22 Eagle/Paardebai	118	127	62 Jara/Seroe Alejandro	619	679
23 Madiki Kavel	1,131	1,764	63 De Bruynewijk	1,206	1,196
24 Madiki/Rancho	3,884	3,627	64 Cura Cabai	826	902
25 Paradijswijk/Sta.Helena	3,456	3,834	65 Savaneta	-	-
26 Socotoro/Rancho	4,036	3,864			
27 Ponton	1,418	1,630	<u>Region 7: San Nicolas-North</u>		
28 Companashi/Solito	2,266	2,766	71 Brasil	1,781	1,921
			72 Rooi Congo	1,627	1,602
<u>Region 3: Oranjestad-East</u>			73 Watapana Gezaag	1,544	1,542
31 Nassaustraat	1,921	1,876	74 Standardville/Rooi Hundo	439	434
32 Klip/Mon Plaisir	1,188	1,053	75 Kustbatterij	2,035	1,738
33 Sividivi	2,334	2,284	76 Juana Morto	162	239
34 Seroe Blanco/Cumana	1,449	1,554	77 San Nicolas-North other	-	4
35 Dakota/Potrero	2,679	2,515			
36 Tarabana	4,869	4,564	<u>Region 8: San Nicolas-South</u>		
37 Sabana Blanco/Mahuma	849	979	81 Zeewijk	1,689	1,291
38 Simeon Antonio	419	446	82 Pastoor Hendrikstraat	2,684	2,426
39 Oranjestad-East other	-	-	83 vd Veen Zeppenfeldstraat	2,233	1,532
<u>Region 4: Paradera</u>			84 Village	7,785	7,544
41 Shiribana	756	1,349	85 Essoville	4,166	3,704
42 Paradera	1,023	1,151	86 Lago/Esso Heights	2,846	2,538
43 Ayo	364	461	87 Seroe Colorado	86	46
44 Piedra Plat	1,088	1,285	88 San Nicolas-South other	-	-
45 Paradera other	-	-			

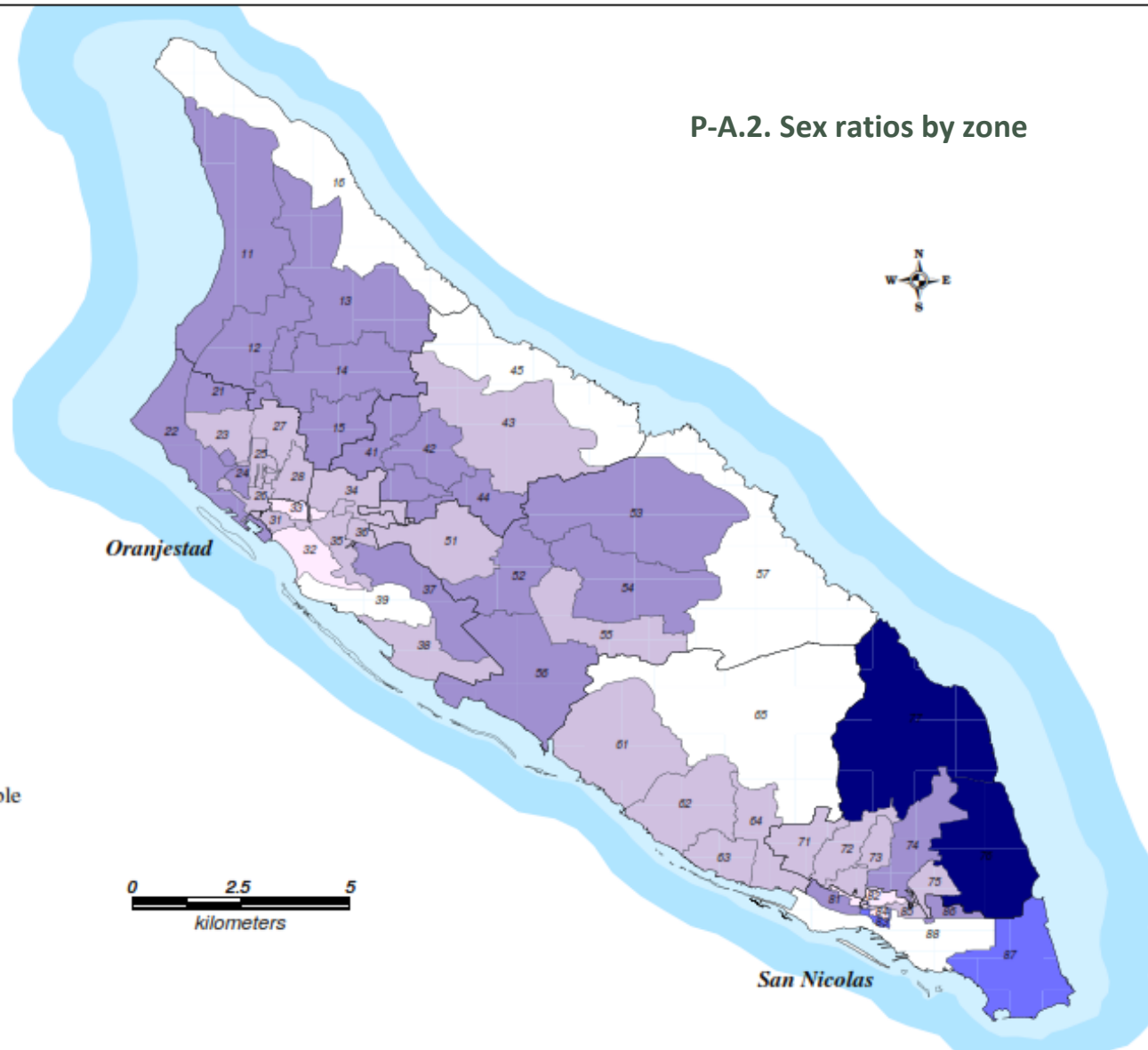


P-A.2. Sex ratios by zone

By Zone

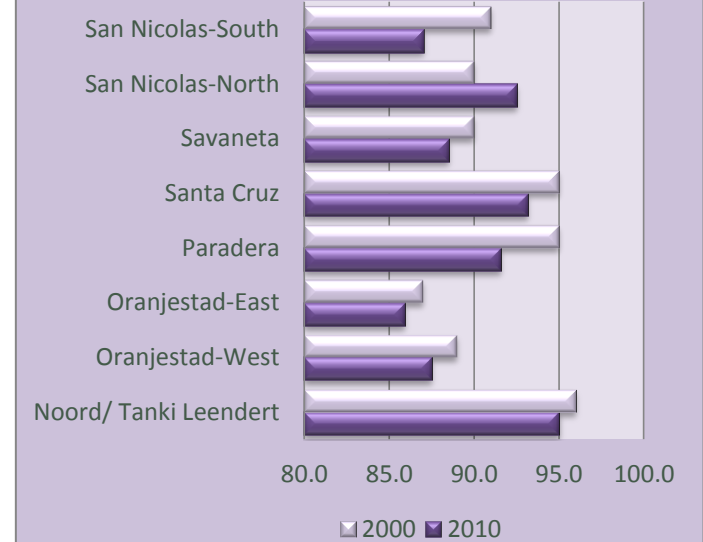


0 2.5 5  
kilometers



Region	Sex ratio, Aruba	
	2010	2000
Noord/ Tanki Leendert	95.0	96.0
Oranjestad-West	87.5	89.0
Oranjestad-East	85.9	87.0
Paradera	91.6	95.0
Santa Cruz	93.1	95.0
Savaneta	88.5	90.0
San Nicolas-North	92.5	90.0
San Nicolas-South	87.0	91.0

Sex ratio by region





## P-A.2. Sex ratios

This map presents the sex ratios per zone. The sex ratio is the number of males per 100 females in a given area.

In the year 2000 the sex ratio equaled 92.3 for Aruba as a whole. This means that for every 100 females in Aruba, there were 92.3 males. In the 2010 Census, the sex ratio was 90.6. This indicates that there were 90.6 males for every 100 females. The low sex ratio is a reflection of the low sex ratio among the foreign born population, currently residing on Aruba, which is at 77.8, while among the Aruban-born population, the sex ratio is 97.9.

Figure P-A.2 shows the sex ratios in each zone. The zones of 'Klip/Mon Plaisir' and 'Sivdivi' with respectively 72.6 and 77.8 males for every 100 females show the lowest sex ratios in Aruba. The zones with the biggest drops in sex ratio are 'Lago/Esso Heights' (-11%) and 'Seroe Colorado' (-27%). It should come as no surprise that the zones 'San Nicolas South-other' and 'Juana Morto' have unusually high proportions of males. 'San Nicolas other' is the area where the Valero oil refinery is situated and 'Juana Morto' is the zone where the prison is situated. Many more male than female prisoners are held in detention.

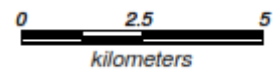
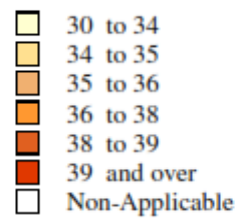
The sex ratio is calculated as follows:

$$\text{Sex ratio} = \frac{(\text{Number of males in a particular zone})}{(\text{Number of females in a particular zone})} * 100$$

		2000	2010			2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>		<u>Ratio</u>	<u>Ratio</u>	<u>Region 5: Santa Cruz</u>		<u>Ratio</u>	<u>Ratio</u>
11	Palm Beach/Malmok	93.9	93.0	51	Hooiberg	89.3	87.4
12	Washington	94.6	93.9	52	Papilon	93.4	94.3
13	Alto Vista	103.6	98.3	53	Cashero	95.6	96.5
14	Moko/Tanki Flip	98.5	96.0	54	Urataca	97.5	95.9
15	Tanki Leendert	93.5	93.7	55	Macuarima	99.8	89.6
16	Noord other	-	-	56	Balashi/Barcadera	104.0	98.1
				57	Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>				<u>Region 6: Savaneta</u>			
21	Pos Abao/Cunucu Abao	100.4	92.7	61	Pos Chiquito	89.8	88.5
22	Eagle/Paardebai	87.7	99.0	62	Jara/Seroe Alejandro	92.1	89.6
23	Madiki Kavel	85.2	86.1	63	De Bruynewijk	86.9	85.9
24	Madiki/Rancho	101.3	91.7	64	Cura Cabai	94.3	89.4
25	Paradijswijk/Sta.Helena	85.7	87.6	65	Savaneta	-	-
26	Socotoro/Rancho	81.0	81.7				
27	Ponton	93.2	88.9	<u>Region 7: San Nicolas-North</u>			
28	Companashi/Solito	88.9	85.4	71	Brasil	90.5	87.3
<u>Region 3: Oranjestad-East</u>				72	Rooi Congo	89.3	88.6
31	Nassaustraat	89.9	89.7	73	Watapana Gezaag	92.2	89.5
32	Klip/Mon Plaisir	75.8	72.6	74	Standardville/Rooi Hundo	95.9	94.1
33	Sivdivi	80.5	77.8	75	Kustbatterij	87.8	81.2
34	Seroe Blanco/Cumana	92.9	89.1	76	Juana Morto	84.6	129.4
35	Dakota/Potrero	87.2	82.8	77	San Nicolas-North other	109.5	150.0
36	Tarabana	85.1	86.5				
37	Sabana Blanco/Mahuma	93.7	93.5	<u>Region 8: San Nicolas-South</u>			
38	Simeon Antonio	94.9	88.7	81	Zeewijk	87.5	98.2
39	Oranjestad-East other	-	-	82	Pastoor Hendrikstraat	75.6	78.5
<u>Region 4: Paradera</u>				83	vd Veen Zeppenfeldstraat	88.0	101.1
41	Shiribana	98.9	90.2	84	Village	80.1	79.3
42	Paradera	99.8	94.3	85	Essoville	90.9	86.1
43	Ayo	89.4	86.2	86	Lago/Esso Heights	101.9	90.9
44	Piedra Plat	96.4	98.8	87	Seroe Colorado	137.1	100.0
45	Paradera other	-	-	88	San Nicolas-South other	-	-

P-A.3. Median age by zone

By Zone



*Oranjestad*

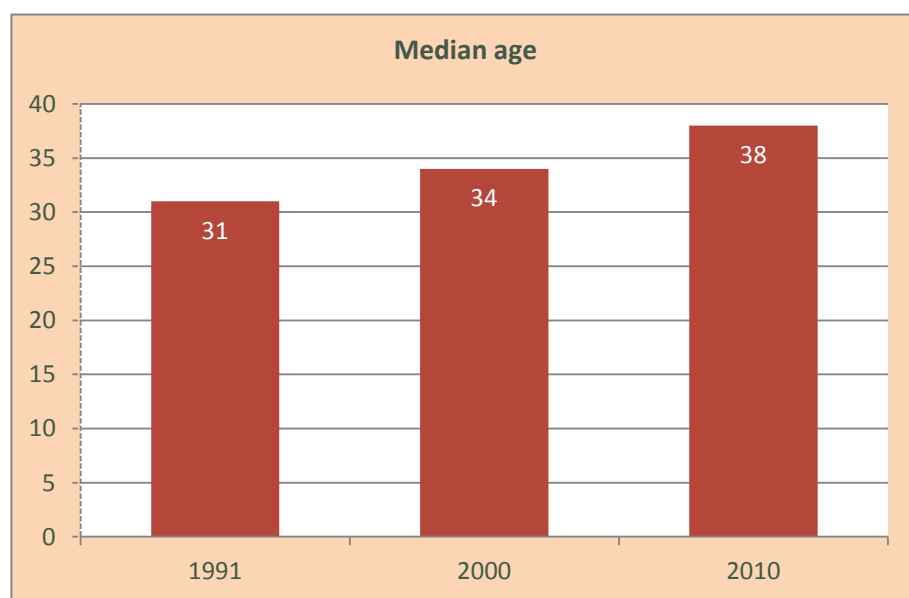
*San Nicolas*



### P-A.3. Median age

The median age of the population is the age that divides the population into two equal halves. Fifty percent of the population is older than the median age and 50 percent is younger. As such, the median age is a positional measure since it locates the position of this typical case compared with the others in the population. The median age is an important indicator of the general ageing of the population. A median age lower than 20 is normally an indication of a young age structure. If the median age is higher than 30, it shows that the population is older.

According to the 2010 Census the median age of the population of Aruba is 38 years, compared to a median age of 34 years in the year 2000. This is a clear indication that the population of Aruba is ageing. The higher median age is caused by a continuously dropping fertility rate and a higher life expectancy. In almost every zone we can observe a higher median age, compared to the year 2000. The zone with the lowest median age is 'Madiki Kavel', while the region of San Nicolas has the oldest population.



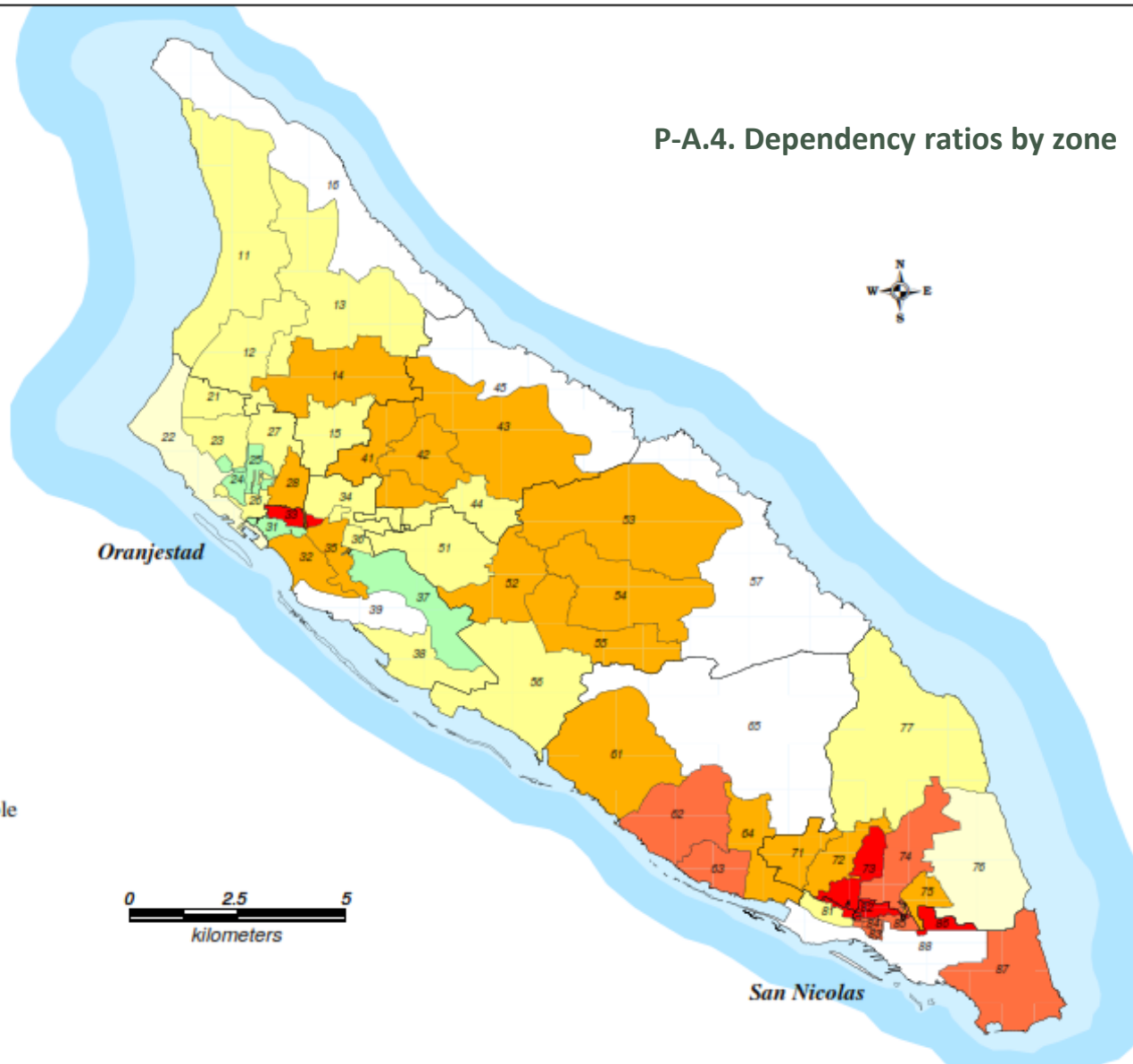
	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>	<b>Abs.</b>	<b>Abs.</b>	<u>Region 5: Santa Cruz</u>	<b>Abs.</b>	<b>Abs.</b>
11 Palm Beach/Malmok	33.0	37.0	51 Hooiberg	33.0	39.0
12 Washington	34.0	37.0	52 Papon	34.0	39.0
13 Alto Vista	33.0	37.0	53 Cashero	34.0	38.0
14 Moko/Tanki Flip	33.0	37.0	54 Urataca	34.0	37.0
15 Tanki Leendert	32.0	38.0	55 Macuarima	33.0	39.0
16 Noord other	32.0	-	56 Balashi/Barcadera	36.0	40.0
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	33.0	38.0	61 Pos Chiquito	32.0	36.0
22 Eagle/Paardebai	38.0	43.0	62 Jara/Seroe Alejandro	36.0	42.0
23 Madiki Kavel	30.5	33.0	63 De Bruynewijk	40.0	42.0
24 Madiki/Rancho	34.0	38.0	64 Cura Cabai	34.0	36.0
25 Paradijswijk/Sta.Helena	34.0	38.5	65 Savaneta	-	-
26 Socotoro/Rancho	38.0	43.0			
27 Ponton	34.0	39.0	<u>Region 7: San Nicolas-North</u>		
28 Companashi/Solito	36.0	39.0	71 Brasil	31.0	35.0
			72 Rooi Congo	34.0	39.0
<u>Region 3: Oranjestad-East</u>			73 Watapana Gezaag	36.0	39.0
31 Nassaustraat	38.0	44.0	74 Standardville/Rooi Hundo	36.0	39.0
32 Klip/Mon Plaisir	39.0	46.0	75 Kustbatterij	33.0	38.0
33 Sividivi	40.5	50.0	76 Juana Morto	30.0	34.0
34 Seroe Blanco/Cumana	32.0	38.0	77 San Nicolas-North other	33.0	29.0
35 Dakota/Potrero	38.0	43.0			
36 Tarabana	30.0	37.0	<u>Region 8: San Nicolas-South</u>		
37 Sabana Blanco/Mahuma	33.0	36.0	81 Zeewijk	35.0	40.0
38 Simeon Antonio	35.0	38.0	82 Pastoor Hendrikstraat	36.0	43.0
39 Oranjestad-East other	-	-	83 vd Veen Zeppenfeldstraat	40.0	47.0
			84 Village	34.0	40.0
<u>Region 4: Paradera</u>			85 Essoville	35.0	36.0
41 Shiribana	33.0	35.0	86 Lago/Esso Heights	34.0	41.0
42 Paradera	33.0	38.0	87 Seroe Colorado	39.0	45.5
43 Ayo	33.0	36.0	88 San Nicolas-South other	40.5	-
44 Piedra Plat	33.0	38.0			
45 Paradera other	-	-			

P-A.4. Dependency ratios by zone

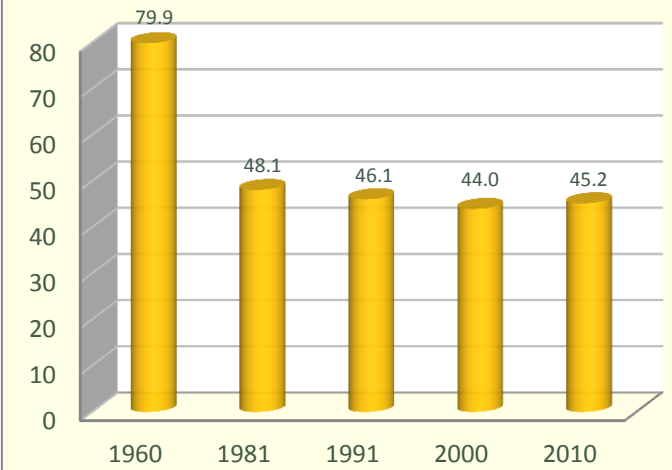
By Zone

- 1 to 35
- 35 to 40
- 40 to 45
- 45 to 50
- 50 to 55
- 55 and over
- Non-Applicable

0 2.5 5  
kilometers



Dependency ratios, 1960-2010



## P-A.4. Dependency ratios

The dependency ratio is a demographic measure of the ratio between the older (65 years of age and older) and the younger part (14 years of age and younger) of the population and the population of working age (i.e. the population between ages 15 and 64). This measure gives us an indication of the number of persons who have to be supported, per 100 persons aged 15 to 64 years.

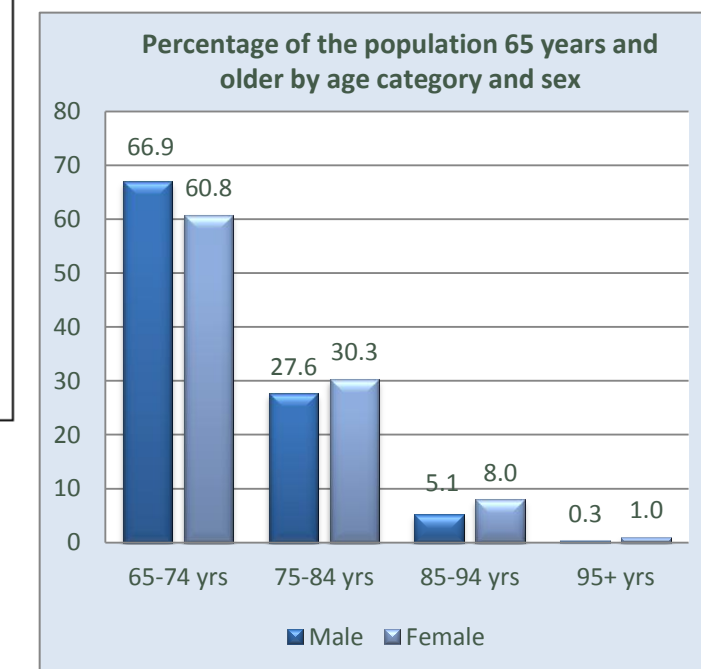
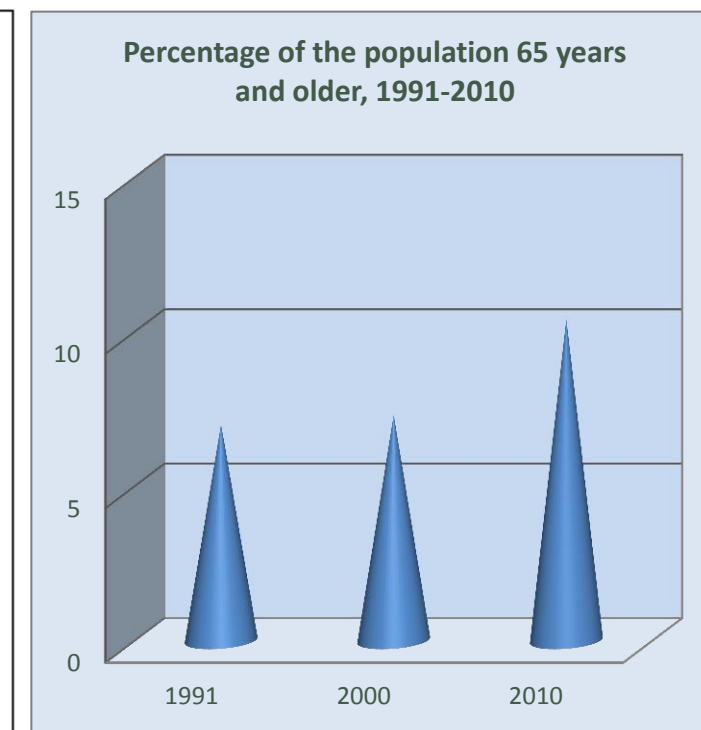
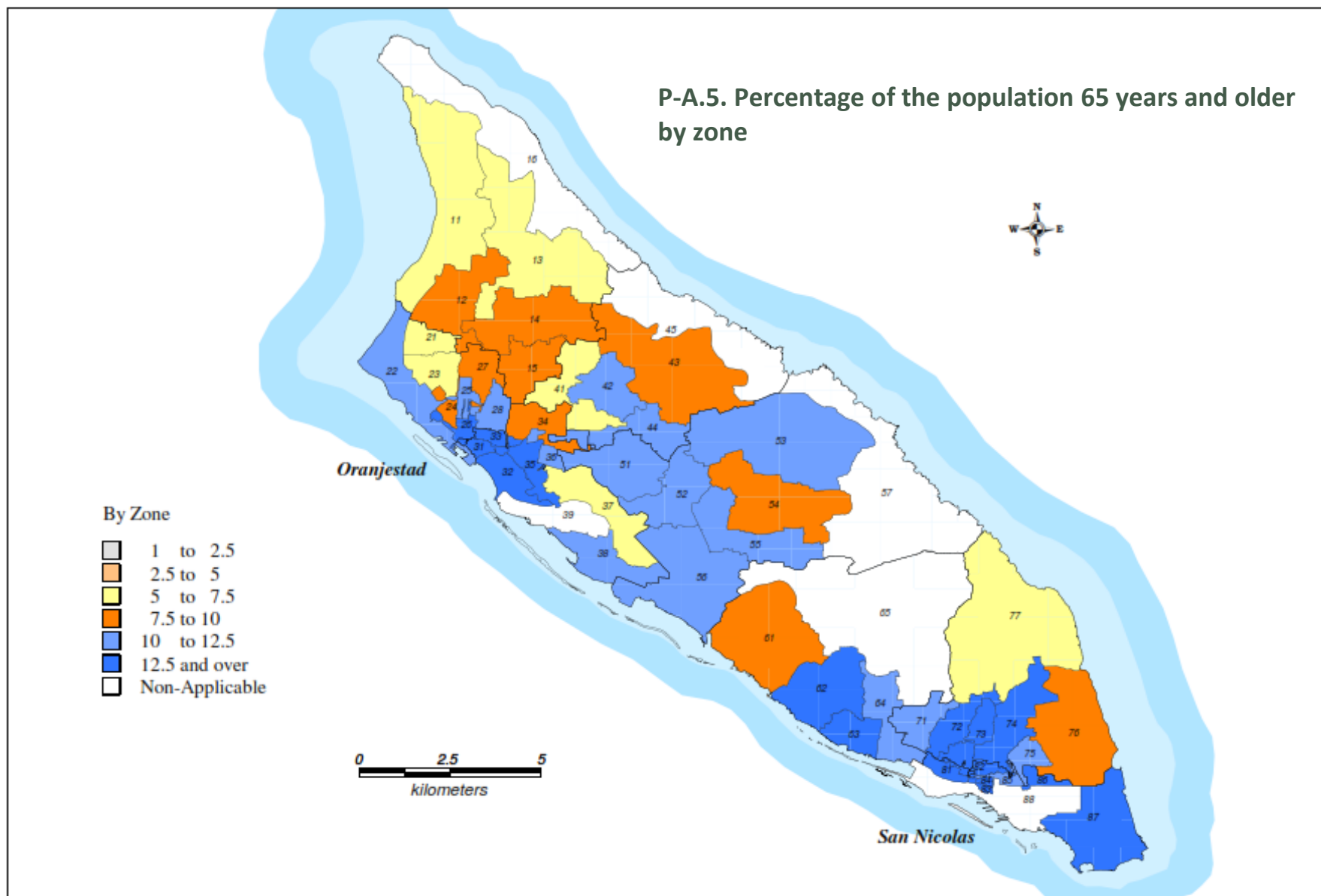
The following formula was used to calculate the dependency ratio:

$$\frac{(\text{No. of persons under 15 years} + \text{No. of persons 65 years of age and older living in a particular zone})}{(\text{No. of persons ages 15-64 years living in a particular zone})} * 100$$

According to the 2010 Census, the dependency ratio for Aruba as a whole is 45.2. This means that 45.2 persons have to be supported by 100 persons aged 15 to 64 years. In 1960, the dependency ratio was still as high as 79.9 percent. By 1981 the dependency ratio had dropped to 48.1 percent. It can be expected that with the aging of the population the dependency ratio will rise again. In 2000, the overall dependency ratio stood at 44.0 %. In 2010, the dependency ratio for the Aruban-born population was 70% and for the foreign-born population 44.6%.

The dependency ratio is the lowest in the zone of 'Eagle/Paardebaai'. In this zone, only 34.0 persons in the dependent age groups have to be supported by 100 persons between ages 15 and 64 years. In 'Pastoor Hendrikstraat' in San Nicolas, the dependency ratio is the highest. In this zone, the dependency ratio equals 63.5 percent. Except in 'Juana Morto', the dependency ratios in San Nicolas are slightly higher than in the rest of the island.

	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>	<u>Ratio</u>	<u>Ratio</u>	<u>Region 5: Santa Cruz</u>	<u>Ratio</u>	<u>Ratio</u>
11 Palm Beach/Malmok	39.8	41.5	51 Hooiberg	42.0	42.7
12 Washington	42.4	40.6	52 Papilon	42.0	45.0
13 Alto Vista	40.3	41.8	53 Cashero	48.2	47.2
14 Moko\Tanki Flip	41.9	45.0	54 Urataca	44.3	47.4
15 Tanki Leendert	39.8	40.2	55 Macuarima	45.9	45.9
16 Noord other	-	-	56 Balashi/Barcadera	40.8	43.7
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	43.6	40.9	61 Pos Chiquito	45.2	47.0
22 Eagle/Paardebaai	32.6	34.0	62 Jara/Seroe Alejandro	41.6	54.1
23 Madiki Kavel	40.2	42.3	63 De Bruynewijk	47.9	54.5
24 Madiki/Rancho	35.6	38.8	64 Cura Cabai	48.4	49.7
25 Paradijswijk/Sta.Helena	37.1	39.9	65 Savaneta	-	-
26 Socotoro/Rancho	36.2	41.2			
27 Ponton	39.6	41.3	<u>Region 7: San Nicolas-North</u>		
28 Companashi/Solito	40.3	46.3	71 Brasil	47.6	48.5
			72 Rooi Congo	40.3	49.0
<u>Region 3: Oranjestad-East</u>			73 Watapana Gezaag	46.4	57.0
31 Nassaustraat	34.8	37.6	74 Standardville/Rooi Hundo	44.4	53.1
32 Klip/Mon Plaisir	42.9	49.6	75 Kustbatterij	54.0	49.6
33 Sividivi	48.5	59.1	76 Juana Morto	51.2	34.5
34 Seroe Blanco/Cumana	37.6	40.5	77 San Nicolas-North other	59.3	42.9
35 Dakota/Potrero	44.8	47.7			
36 Tarabana	40.7	44.4	<u>Region 8: San Nicolas-South</u>		
37 Sabana Blanco/Mahuma	43.4	39.1	81 Zeewijk	48.7	43.9
38 Simeon Antonio	45.4	42.1	82 Pastoor Hendrikstraat	57.1	63.5
39 Oranjestad-East other	-	-	83 vd Veen Zeppenfeldstraat	35.2	53.0
			84 Village	59.2	53.7
<u>Region 4: Paradera</u>			85 Essoville	55.2	51.5
41 Shiribana	41.3	45.9	86 Lago/Esso Heights	43.9	55.1
42 Paradera	45.0	48.6	87 Seroe Colorado	34.6	51.6
43 Ayo	44.4	46.8	88 San Nicolas-South other	30.0	-
44 Piedra Plat	44.2	44.9			
45 Paradera other	-	-			



## P-A.5. Percentage of the population 65 years of age and older

The data on which map P-A.5. is based were calculated as follows:

(Number of persons 65 years of age and older living in a particular zone)

(Total population living in a particular zone) \* 100

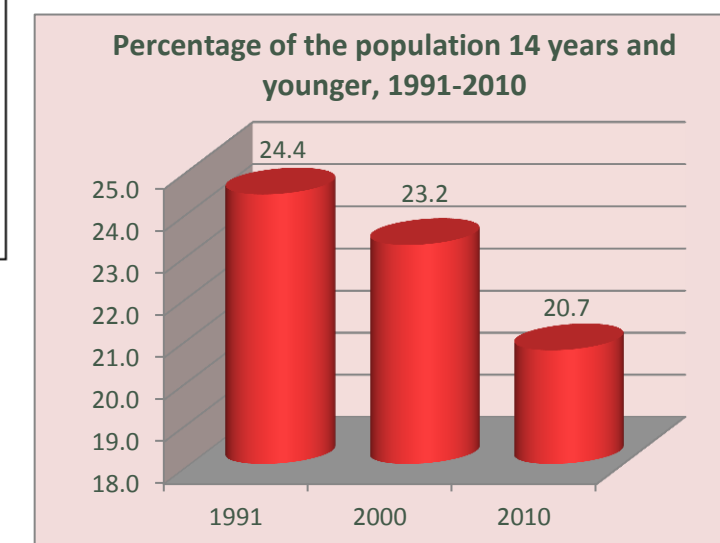
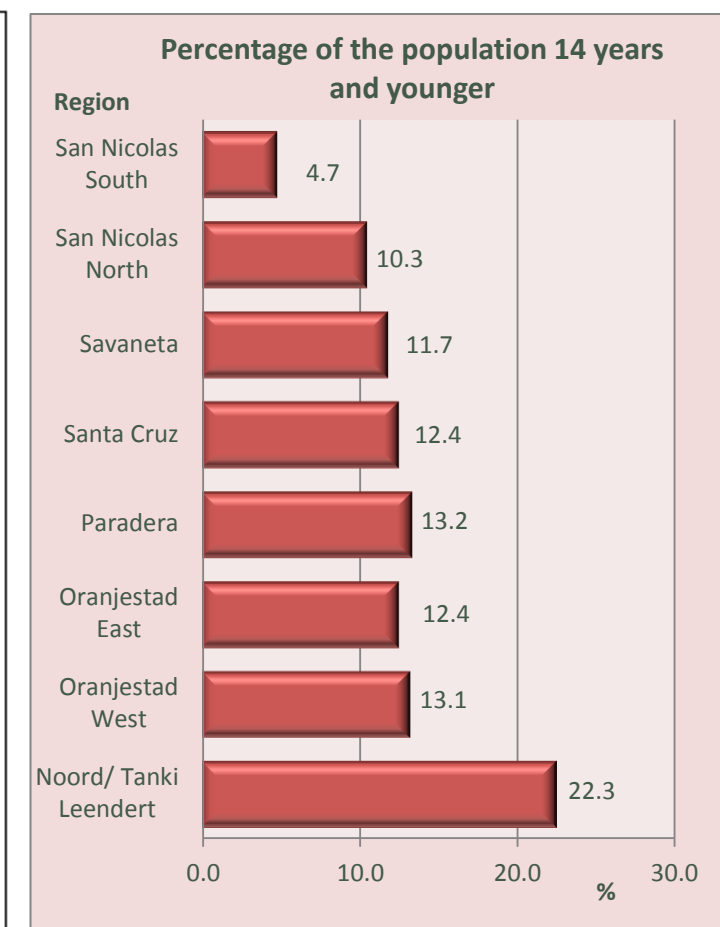
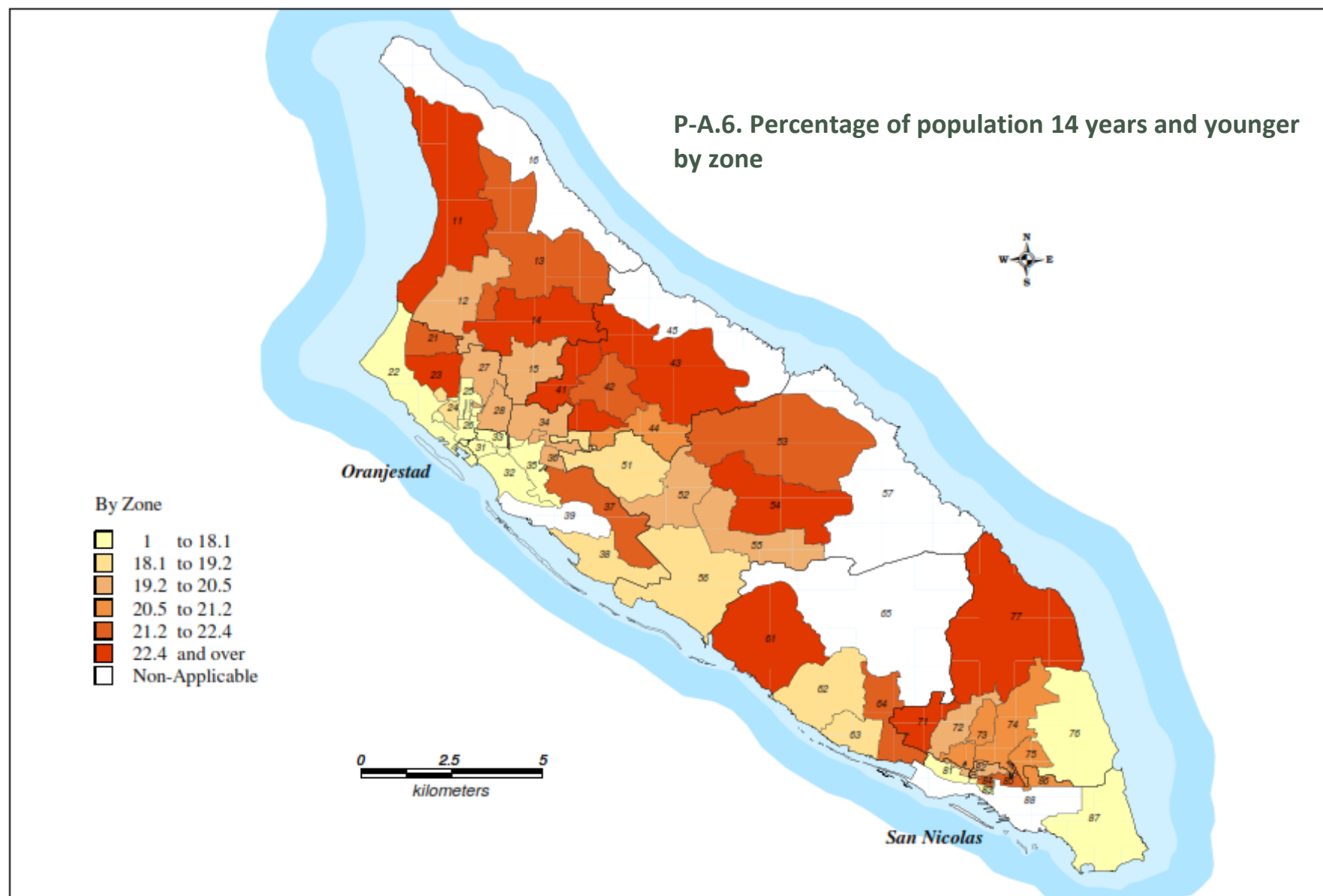
The map on page 11 displays the geographical distribution of the elderly population of Aruba. According to the 2000 Population and Housing Census, 7.3% of the population of Aruba was above the age of 65. The 2010 Census shows that 10.4% of the population of Aruba is 65 years and older. The age group 65-74 years has the largest number of persons (63%) of which females constitute the majority of this group. The elderly population of Aruba consists of more Aruban-born persons than foreign-born persons. In the year 2000, 63.5% of persons 65 years and older were Aruban-born, and in 2010, 71.6% was Aruban-born.

Looking at the table it becomes clear that half of all zones saw at least a 50% growth in the population 65 and older. The zones with the highest percentages of elderly persons are 'Sivdivi' (because of the home for the elderly), 'Klip/Mon Plaisir', 'Pastoor Hendrikstraat' and 'van de Veen Zeppenfeldstraat'. The zone with the highest growth of persons 65 and older as compared to the year 2000, is 'Seroe Colorado' (160% growth). The zone with the highest proportion of elderly persons is 'Pastoor Hendrikstraat', with 18.8 percent of the population being 65 years of age or older. Although 'Madiki Kavel' is the zone with the youngest population (see page 14), it has also experienced the second highest growth in the percentage 65+ (146.7%), between the years 2000 and 2010.

In an international perspective, the country with the highest percentage of elderly persons is Monaco, with 26.9% of the population being 65 years or older, whereas the United Arab Emirates has the lowest percentage 65+ (0.9%).

	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>	%	%	<u>Region 5: Santa Cruz</u>	%	%
11 Palm Beach/Malmok	4.5	6.8	51 Hooiberg	5.7	10.8
12 Washington	5.9	8.4	52 Papilon	7.2	11.3
13 Alto Vista	5.7	7.2	53 Cashero	7.6	10.6
14 Moko\Tanki Flip	5.6	7.6	54 Urataca	7.4	9.3
15 Tanki Leendert	4.8	8.2	55 Macuarima	7.4	11.3
16 Noord other	-	-	56 Balashi/Barcadera	6.2	12.2
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	3.6	6.7	61 Pos Chiquito	5.8	8.4
22 Eagle/Paardebaai	9.0	10.6	62 Jara/Seroe Alejandro	8.2	16.7
23 Madiki Kavel	2.1	5.1	63 De Bruynewijk	15.2	16.5
24 Madiki/Rancho	6.2	9.7	64 Cura Cabai	7.8	12.0
25 Paradijswijk/Sta.Helena	6.0	11.1	65 Savaneta	-	-
26 Socotero/Rancho	10.1	13.0	<u>Region 7: San Nicolas-North</u>		
27 Ponton	6.4	9.7	71 Brasil	5.6	10.0
28 Companashi/Solito	9.9	11.6	72 Rooi Congo	7.0	12.7
<u>Region 3: Oranjestad-East</u>			73 Watapana Gezaag	11.1	15.1
31 Nassaustraat	9.4	13.2	74 Standardville/Rooi Hundo	10.8	13.8
32 Klip/Mon Plaisir	12.9	18.6	75 Kustbatterij	8.7	12.2
33 Sivdivi	18.8	26.4	76 Juana Morto	7.5	7.7
34 Seroe Blanco/Cumana	4.5	8.3	77 San Nicolas-North other	7.1	5.0
35 Dakota/Potrero	13.1	16.1	<u>Region 8: San Nicolas-South</u>		
36 Tarabana	5.0	10.5	81 Zeewijk	11.0	12.5
37 Sabana Blanco/Mahuma	4.1	6.6	82 Pastoor Hendrikstraat	15.6	19.5
38 Simeon Antonio	9.1	10.7	83 vd Veen Zeppenfeldstraat	8.6	20.1
39 Oranjestad-East other	-	-	84 Village	12.4	12.6
<u>Region 4: Paradera</u>			85 Essoville	10.7	11.8
41 Shiribana	6.2	6.4	86 Lago/Esso Heights	9.5	14.9
42 Paradera	6.3	10.8	87 Seroe Colorado	6.1	16.0
43 Ayo	5.0	8.5	88 San Nicolas-South other	10.0	-
44 Piedra Plat	5.9	10.1			
45 Paradera other	-	-			







## P-A.6. Percentage of the population 14 years of age and younger

According to the 1991 Population and Housing Census, 24.4 percent of the population of Aruba was 14 years and younger. This percentage dropped in 2000 to 23.2% and dropped even further to 20.7% according to the 2010 Census.

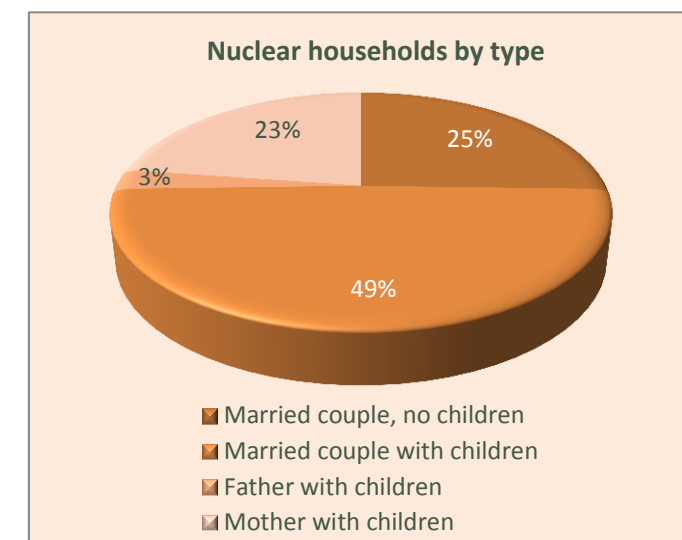
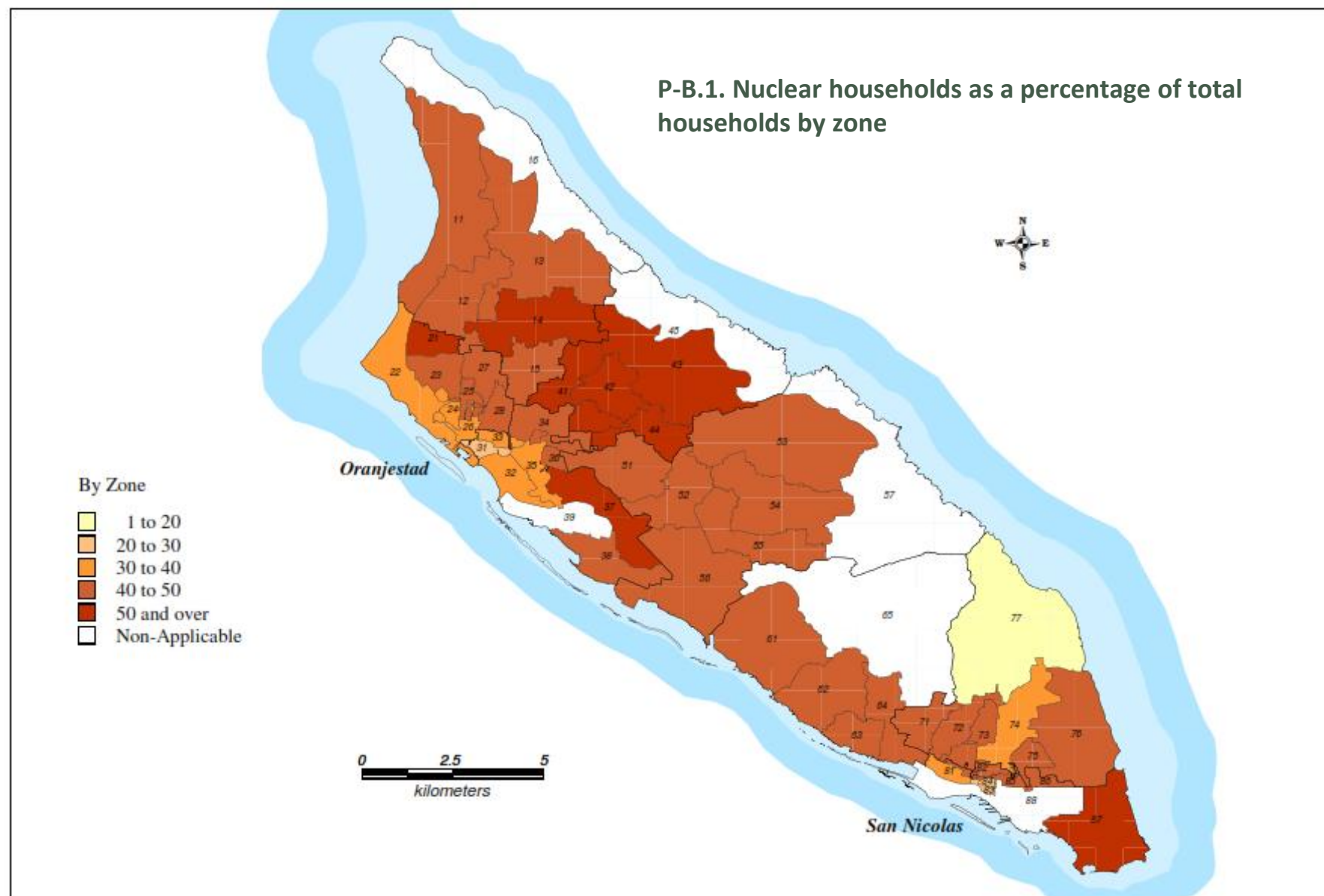
The formula to calculate the percentage of the population 14 years and younger is the following:

$$\frac{\text{(Number of persons 14 years of age and younger living in a particular zone)}}{\text{(Total population living in a particular zone)}} \times 100$$

In 2010, in all but 5 zones a decrease was observed in the percentage of persons 14 years of age and younger in the population of Aruba, relative to the year 2000. Percentages of as much as 10% were registered in San Nicolas-South and 32.5% in 'Juana Morto'. The lower percentages of persons 14 years of age and younger in the population of Aruba are a direct effect of the lower birth rate and of the growing number of elderly persons on the island.

Many African countries still have the highest percentages of persons younger than 14 years of age. The highest percentage was registered in Uganda with 49.9% of the population being 14 years and younger. On the other hand, Hong Kong has the lowest registered percentage of persons 14 years and younger. In the Netherlands, 17 percent of the population belongs to this age group. Some neighboring countries have a much younger population than Aruba. In Venezuela, for example, 29.5 percent of the population is 14 years and younger.

	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>	%	%	<u>Region 5: Santa Cruz</u>	%	%
11 Palm Beach/Malmok	24.3	22.4	51 Hooiberg	24.3	19.2
12 Washington	24.1	20.5	52 Pabilon	22.7	19.7
13 Alto Vista	23.3	22.3	53 Cashero	25.4	21.5
14 Moko/Tanki Flip	24.2	23.4	54 Urataca	23.4	22.9
15 Tanki Leendert	24.0	20.5	55 Macuarima	24.4	20.1
16 Noord other	-	-	56 Balashi/Barcadera	23.3	18.2
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	27.4	22.3	61 Pos Chiquito	26.0	23.5
22 Eagle/Paardebaai	15.6	14.8	62 Jara/Seroe Alejandro	21.4	18.4
23 Madiki Kavel	27.0	24.6	63 De Bruynewijk	17.4	18.8
24 Madiki/Rancho	20.2	18.3	64 Cura Cabai	25.4	21.2
25 Paradijswijk/Sta.Helena	21.2	17.4	65 Savaneta	-	-
26 Socotoro/Rancho	16.4	16.2			
27 Ponton	22.1	19.5	<u>Region 7: San Nicolas-North</u>		
28 Companashi/Solito	19.1	20.0	71 Brasil	27.1	22.6
<u>Region 3: Oranjestad-East</u>			72 Rooi Congo	22.0	20.2
31 Nassaustraat	16.6	14.0	73 Watapana Gezaag	20.9	21.1
32 Klip/Mon Plaisir	17.0	14.5	74 Standardville/Rooi Hundo	20.4	20.9
33 Sividivi	14.0	10.5	75 Kustbatterij	27.0	20.9
34 Seroe Blanco/Cumana	23.0	20.5	76 Juana Morto	26.6	18.0
35 Dakota/Potrero	18.0	16.2	77 San Nicolas-North other	31.0	25.0
36 Tarabana	24.3	20.2			
37 Sabana Blanco/Mahuma	26.7	21.5	<u>Region 8: San Nicolas-South</u>		
38 Simeon Antonio	22.6	19.0	81 Zeewijk	22.1	18.0
39 Oranjestad-East other	-	-	82 Pastoor Hendrikstraat	20.8	19.3
<u>Region 4: Paradera</u>			83 vd Veen Zeppenfeldstraat	17.5	14.5
41 Shiribana	23.1	25.0	84 Village	25.4	22.3
42 Paradera	25.1	21.9	85 Essoville	25.0	22.2
43 Ayo	26.1	23.4	86 Lago/Esso Heights	21.4	20.6
44 Piedra Plat	25.3	20.9	87 Seroe Colorado	19.5	18.1
45 Paradera other	-	-	88 San Nicolas-South other	12.5	-



## P-B.1. Nuclear households as a percentage of total households

In a population census, legal bonds which group persons together in conjugal families are considered. According to the 2010 Census, 45.1% of all households in Aruba are nuclear households. A nuclear household consists of one of the following types:

- a legally married couple without children
- a legally married couple with never-married children (biological or adopted)
- a father with one or more never-married children (biological or adopted)
- a mother with one or more never-married children (biological or adopted).

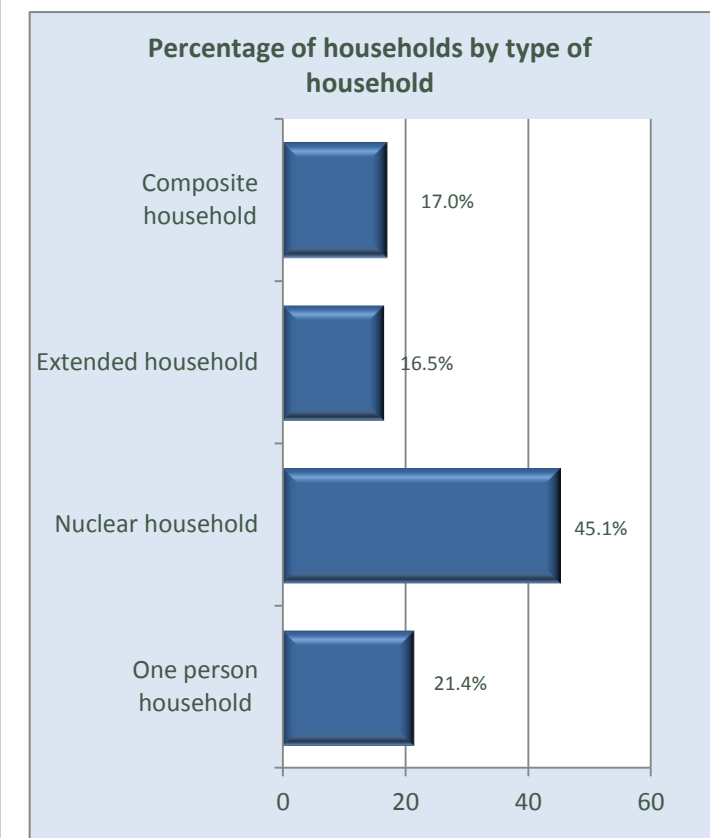
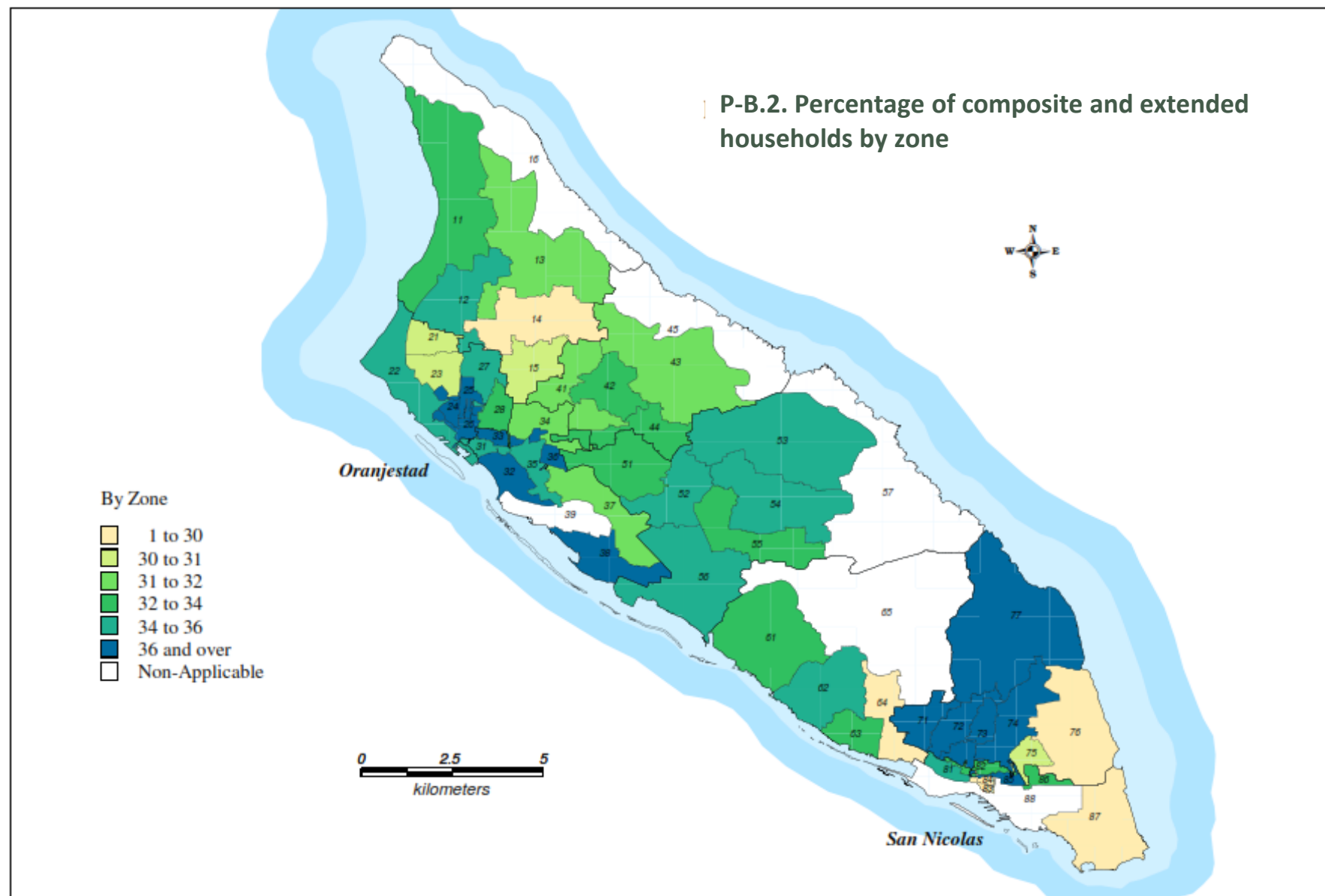
The following formula was used to draw the map:

**(Households in a particular zone which consist only of a nuclear household)**

**(All households in a particular zone)**

The table shows a decrease in the number of nuclear households in more than half of the zones in Aruba. The lowest percentages of nuclear households are found in the San Nicolas area with San Nicolas-North at the lowest with 12.5% and the Village with 24.4%. The region with the highest percentage of nuclear households is still Paradera, as was the case in the 2000 Census. Here the percentage of nuclear households hovers around 50 percent.

	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>	%	%	<u>Region 5: Santa Cruz</u>	%	%
11 Palm Beach/Malmok	47.1	45.2	51 Hooiberg	51.2	46.1
12 Washington	47.8	44.9	52 Papon	51.7	49.5
13 Alto Vista	49.2	47.8	53 Cashero	54.7	48.7
14 Moko\Tanki Flip	47.7	50.6	54 Urataca	50.3	48.9
15 Tanki Leendert	46.8	47.1	55 Macuarima	51.4	48.2
16 Noord other	-	-	56 Balashi/Barcadera	47.2	48.2
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	54.6	56.1	61 Pos Chiquito	52.9	49.5
22 Eagle/Paardebaai	39.4	31.7	62 Jara/Seroe Alejandro	50.1	42.3
23 Madiki Kavel	54.2	46.3	63 De Bruynewijk	50.4	46.9
24 Madiki/Rancho	35.6	35.3	64 Cura Cabai	51.6	47.6
25 Paradijswijk/Sta.Helena	46.2	40.8	65 Savaneta	-	-
26 Socotoro/Rancho	29.9	30.0			
27 Ponton	46.5	44.3	<u>Region 7: San Nicolas-North</u>		
28 Companashi/Solito	38.7	40.7	71 Brasil	51.2	42.7
<u>Region 3: Oranjestad-East</u>			72 Rooi Congo	49.9	43.6
31 Nassaustraat	28.7	25.9	73 Watapana Gezaag	40.3	43.7
32 Klip/Mon Plaisir	34.2	34.6	74 Standardville/Rooi Hundo	41.3	33.1
33 Sividivi	38.6	36.9	75 Kustbatterij	45.1	43.5
34 Seroe Blanco/Cumana	47.3	46.9	76 Juana Morto	41.7	47.7
35 Dakota/Potrero	39.2	37.7	77 San Nicolas-North other	36.4	12.5
36 Tarabana	51.1	43.3			
37 Sabana Blanco/Mahuma	52.2	51.3	<u>Region 8: San Nicolas-South</u>		
38 Simeon Antonio	44.6	41.1	81 Zeewijk	33.6	37.1
39 Oranjestad-East other	-	-	82 Pastoor Hendrikstraat	42.7	40.7
<u>Region 4: Paradera</u>			83 vd Veen Zeppenfeldstraat	35.2	27.1
41 Shiribana	49.8	52.5	84 Village	33.4	24.4
42 Paradera	53.3	52.3	85 Essoville	38.1	40.3
43 Ayo	53.7	50.3	86 Lago/Esso Heights	50.0	43.5
44 Piedra Plat	54.2	50.8	87 Seroe Colorado	47.1	57.0
45 Paradera other	-	-	88 San Nicolas-South other	26.1	-



## P-B.2. Percentage of extended and composite households

In a Population Census, a household could either be: a one-person household, consisting of a person who makes provision for his/her own food or other essentials, or a multi-person household, i.e. a group of two or more persons who make common provisions for food or other essentials.

An extended household consists of either:

- a) a single family nucleus and other persons related to the nucleus
- b) two or more persons related to each other, without other persons
- c) two or more family nuclei related to each other, plus other persons related
- d) two or more persons related to each other, but none of whom comprises a family nucleus.

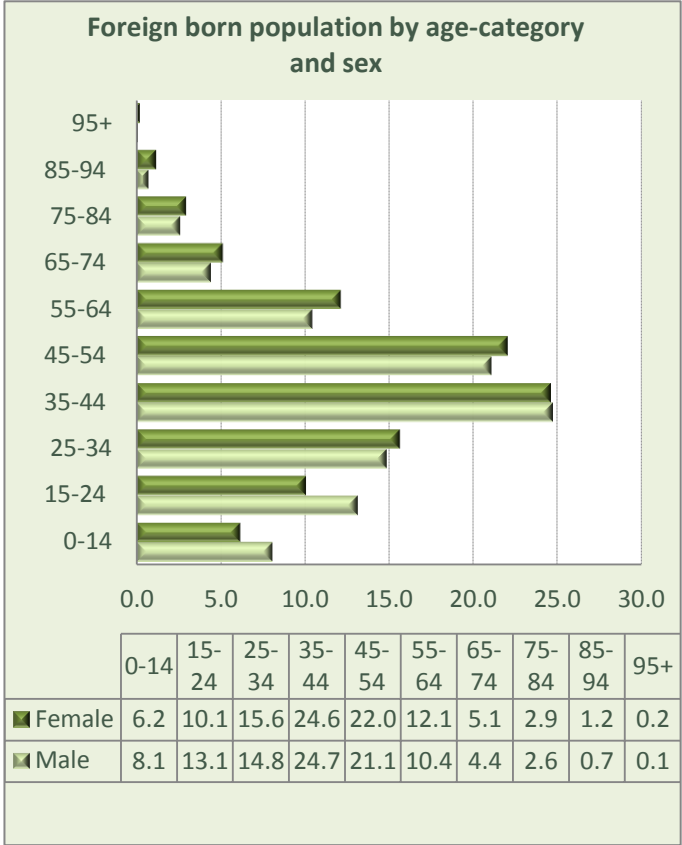
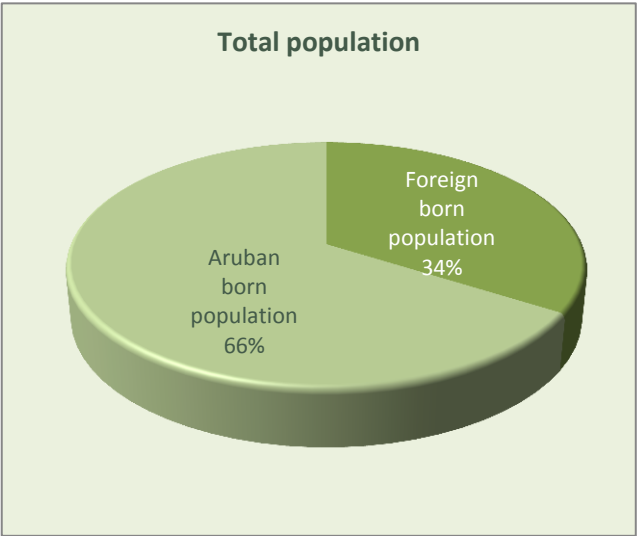
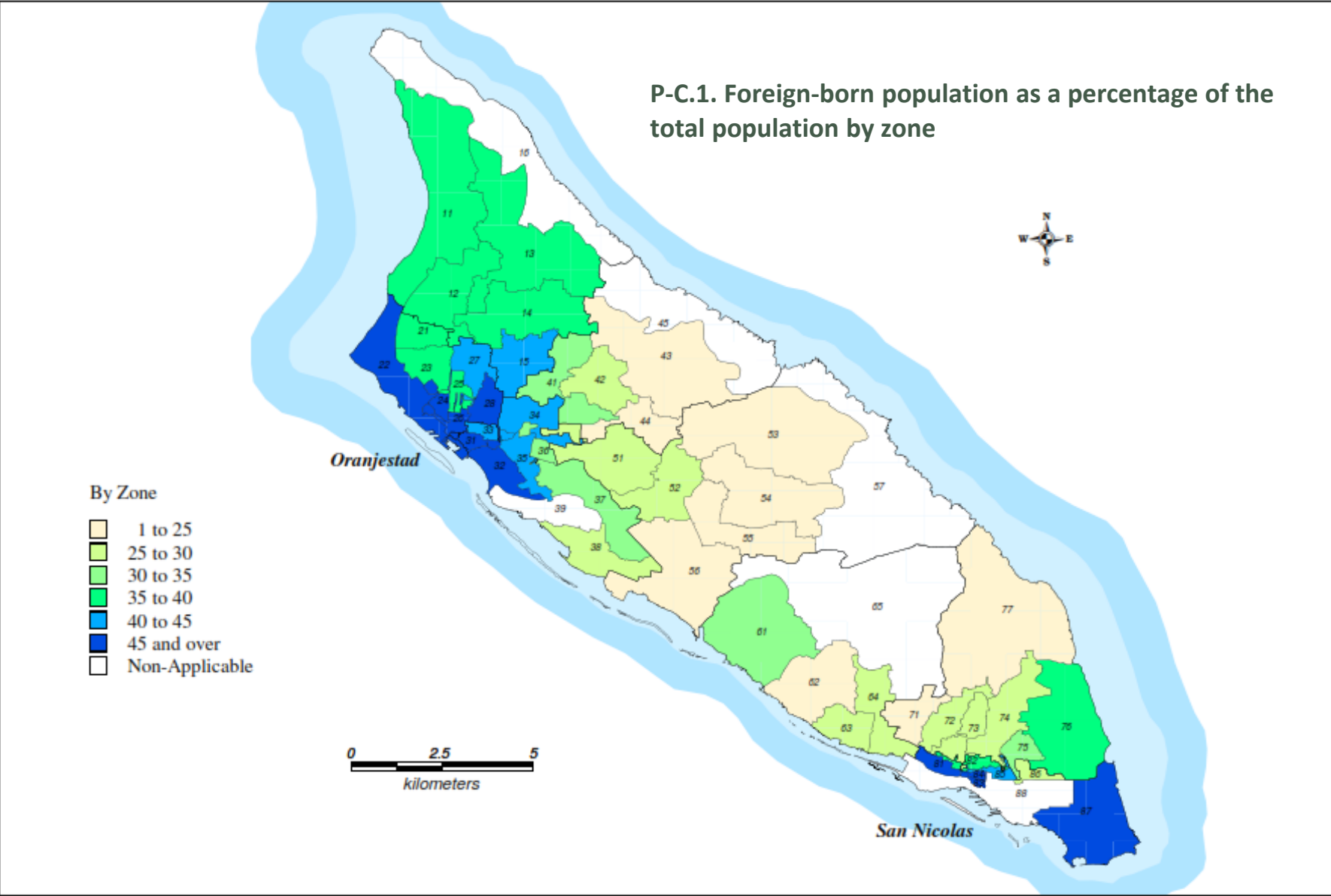
A composite household is a household where two or more persons live and where the persons are not all related to each other.

The map shows the regional distribution of both extended and composite households in Aruba.

$$\frac{\text{(Total number of extended and composite households, in a particular zone)}}{\text{(All households in a particular zone)}} * 100$$

At the time of the 2010 Census, a total of 34,845 households were counted on Aruba. Among these households, 5,755 (16.5%) were extended households and 5,917 (16.9%) were composite households. The zones with the lowest concentration of extended and composite households were 'Seroe Colorado', 'Village', and 'van de Veen Zeppenfeldstraat'. The highest concentration of extended and composite households were found in 'Standardville/Rooi Hundo' (44.7%).

	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>	%	%	<u>Region 5: Santa Cruz</u>	%	%
11 Palm Beach/Malmok	36.7	34.0	51 Hooiberg	32.8	32.7
12 Washington	35.6	34.8	52 Papilon	34.9	34.1
13 Alto Vista	35.6	31.8	53 Cashero	32.2	35.1
14 Moko\Tanki Flip	33.3	29.5	54 Urataca	33.1	35.0
15 Tanki Leendert	34.3	30.9	55 Macuarima	35.5	33.3
16 Noord other	-	-	56 Balashi/Barcadera	34.7	35.7
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	29.4	30.1	61 Pos Chiquito	31.4	32.4
22 Eagle/Paardebaai	39.4	34.8	62 Jara/Seroe Alejandro	32.5	35.8
23 Madiki Kavel	29.9	30.9	63 De Bruynewijk	32.8	32.1
24 Madiki/Rancho	38.6	40.5	64 Cura Cabai	29.4	29.4
25 Paradijswijk/Sta.Helena	36.5	37.3	65 Savaneta	-	-
26 Socotoro/Rancho	40.7	39.1	<u>Region 7: San Nicolas-North</u>		
27 Ponton	34.3	34.1	71 Brasil	30.6	36.2
28 Companashi/Solito	34.5	33.1	72 Rooi Congo	35.6	38.4
<u>Region 3: Oranjestad-East</u>			73 Watapana Gezaag	41.2	37.2
31 Nassaustraat	39.0	34.1	74 Standardville/Rooi Hundo	38.5	44.7
32 Klip/Mon Plaisir	39.4	39.0	75 Kustbatterij	33.2	30.2
33 Sividivi	36.5	36.2	76 Juana Morto	31.0	25.0
34 Seroe Blanco/Cumana	32.3	31.4	77 San Nicolas-North other	45.5	75.0
35 Dakota/Potrero	37.1	34.6	<u>Region 8: San Nicolas-South</u>		
36 Tarabana	37.3	37.2	81 Zeewijk	37.5	34.8
37 Sabana Blanco/Mahuma	29.6	31.2	82 Pastoor Hendrikstraat	39.0	32.7
38 Simeon Antonio	31.6	36.9	83 vd Veen Zeppenfeldstraat	31.5	24.7
39 Oranjestad-East other	-	-	84 Village	24.8	28.4
<u>Region 4: Paradera</u>			85 Essoville	39.0	36.4
41 Shiribana	30.3	31.4	86 Lago/Esso Heights	27.9	33.8
42 Paradera	32.4	32.0	87 Seroe Colorado	16.4	13.9
43 Ayo	30.0	31.0	88 San Nicolas-South other	17.4	-
44 Piedra Plat	36.3	33.8			
45 Paradera other	-	-			





## P-C.1. Foreign-born population as a percentage of total population

The population of Aruba consists of people from all corners of the earth. According to the Population and Housing Census of 2000, 33.9% of the population was not born on the island. This percentage did not change according to the 2010 Census. Most migrants originate from Latin America and the Caribbean, and the Netherlands. The population of Aruba consists of persons born in 133 different countries and with 96 different nationalities. Compared to the 2000 Population and Housing Census, this means an addition of 17 nationalities and 9 countries of birth, to the already rich cultural mixture of the Aruban population.

We used the following formula to calculate the figures on which map P-C.1. is based:

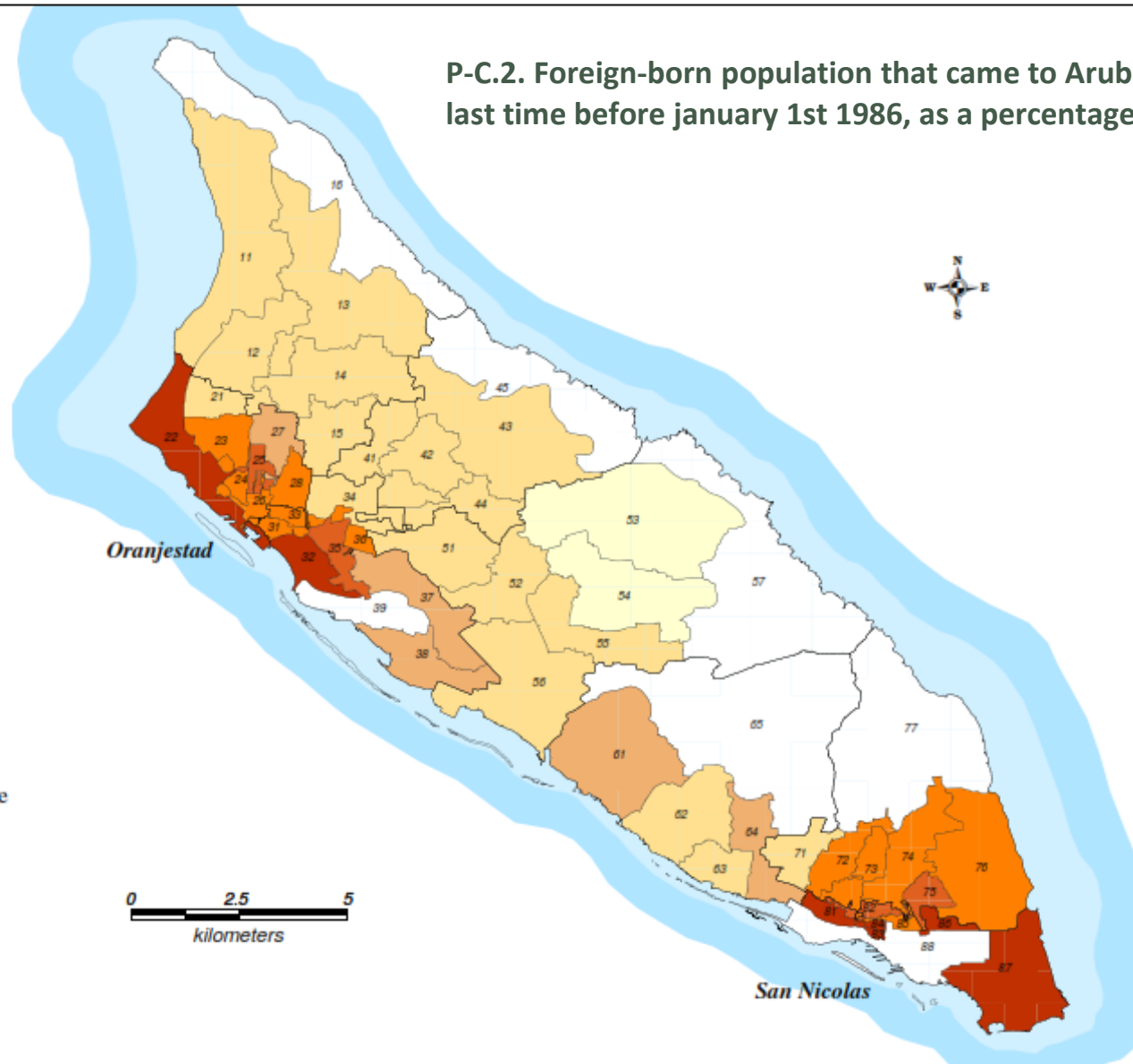
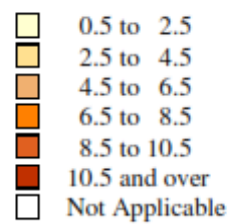
$$\frac{\text{(Number of foreign-born persons in a particular zone)}}{\text{(Total number of persons in a particular zone)}} \times 100$$

As can be observed in table P-C.1. the foreign-born population living in Aruba is concentrated in certain urban zones in Oranjestad, namely, 'Eagle/Paardenbaai', 'Nassaustraat' and 'Socotoro/Rancho'. In San Nicolas the zones with the highest concentration of foreign-born persons are 'Seroe Colorado', and 'van de Veen Zeppenfeldstraat'. 'Cashero' in the district of Santa Cruz is still the most authentically 'Aruban' region, with the highest percentage of persons born in Aruba and the lowest percentage of foreign-born persons.

	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>	%	%	<u>Region 5: Santa Cruz</u>	%	%
11 Palm Beach/Malmok	34.0	36.4	51 Hooiberg	30.0	27.4
12 Washington	34.0	36.4	52 Papilon	27.1	26.5
13 Alto Vista	32.1	39.5	53 Cashero	17.6	16.8
14 Moko/Tanki Flip	37.8	37.5	54 Urataca	16.4	20.7
15 Tanki Leendert	38.1	40.2	55 Macuarima	22.9	21.6
16 Noord other	-	-	56 Balashi/Barcadera	23.0	23.0
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	40.8	39.2	61 Pos Chiquito	30.1	31.5
22 Eagle/Paardebaai	50.9	50.5	62 Jara/Seroe Alejandro	19.7	19.6
23 Madiki Kavel	41.2	37.6	63 De Bruynewijk	28.1	27.4
24 Madiki/Rancho	46.7	48.2	64 Cura Cabai	26.5	28.1
25 Paradijswijk/Sta.Helena	33.5	36.3	65 Savaneta	-	-
26 Socotoro/Rancho	54.0	53.6			
27 Ponton	42.0	41.2	<u>Region 7: San Nicolas-North</u>		
28 Companashi/Solito	49.0	49.1	71 Brasil	23.9	24.6
<u>Region 3: Oranjestad-East</u>			72 Rooi Congo	28.2	26.7
31 Nassaustraat	64.6	68.8	73 Watapana Gezaag	30.1	27.5
32 Klip/Mon Plaisir	53.4	49.6	74 Standardville/Rooi Hundo	27.2	25.9
33 Sividivi	43.3	41.4	75 Kustbatterij	37.1	33.3
34 Seroe Blanco/Cumana	45.8	44.4	76 Juana Morto	37.1	38.4
35 Dakota/Potrero	43.6	44.4	77 San Nicolas-North other	-	5.0
36 Tarabana	28.7	30.3			
37 Sabana Blanco/Mahuma	35.4	33.5	<u>Region 8: San Nicolas-South</u>		
38 Simeon Antonio	29.1	28.1	81 Zeewijk	47.8	47.4
39 Oranjestad-East other	-	-	82 Pastoor Hendrikstraat	44.3	38.5
<u>Region 4: Paradera</u>			83 vd Veen Zeppenfeldstraat	61.7	54.2
41 Shiribana	31.8	34.4	84 Village	52.9	45.8
42 Paradera.	23.5	27.1	85 Essoville	45.3	40.8
43 Ayo	19.8	22.8	86 Lago/Esso Heights	31.5	28.3
44 Piedra Plat	20.5	22.3	87 Seroe Colorado	69.6	52.1
45 Paradera other	-	-	88 San Nicolas-South other	-	-

**P-C.2. Foreign-born population that came to Aruba for the last time before January 1st 1986, as a percentage of total**

By Zone



**Percentage of foreign born population that came to Aruba before January 1986**

Zones	Highest %
vd Veen Zeppenfeldstraat	19.6
Village	15.1
Klip/Mon Plaisir	13.1
Seroe Colorado	11.2
Lago/Esso Heights	11.0

**Percentage of foreign born population that came to Aruba before January 1986**

Zones	Lowest %
Cashero	1.5
Urataca	1.5
Ayo	2.5
Papilon	2.6
Moko\Tanki Flip	3.0
Piedra Plat	3.0



## P-C.2 Foreign-born population, that came to Aruba for the last time before January 1 st 1986, as a percentage of the total population

According to the 2010 Census 5.3% of the foreign born population indicated that they came to Aruba for the last time before January 1 st 1986. Map P-C.2. shows a large variety in the distribution of foreign-born persons who came to the island before January 1, 1986. Both Oranjestad and San Nicolas have been major places of attraction for these immigrants. We can see that the zones in the middle of the island attracted fewer immigrants as is the case for the region of Noord/Tanki Leendert. The regions of Santa Cruz, Paradera and Savaneta do not have a single zone where more than 5% percent of the population migrated to Aruba before 1986.

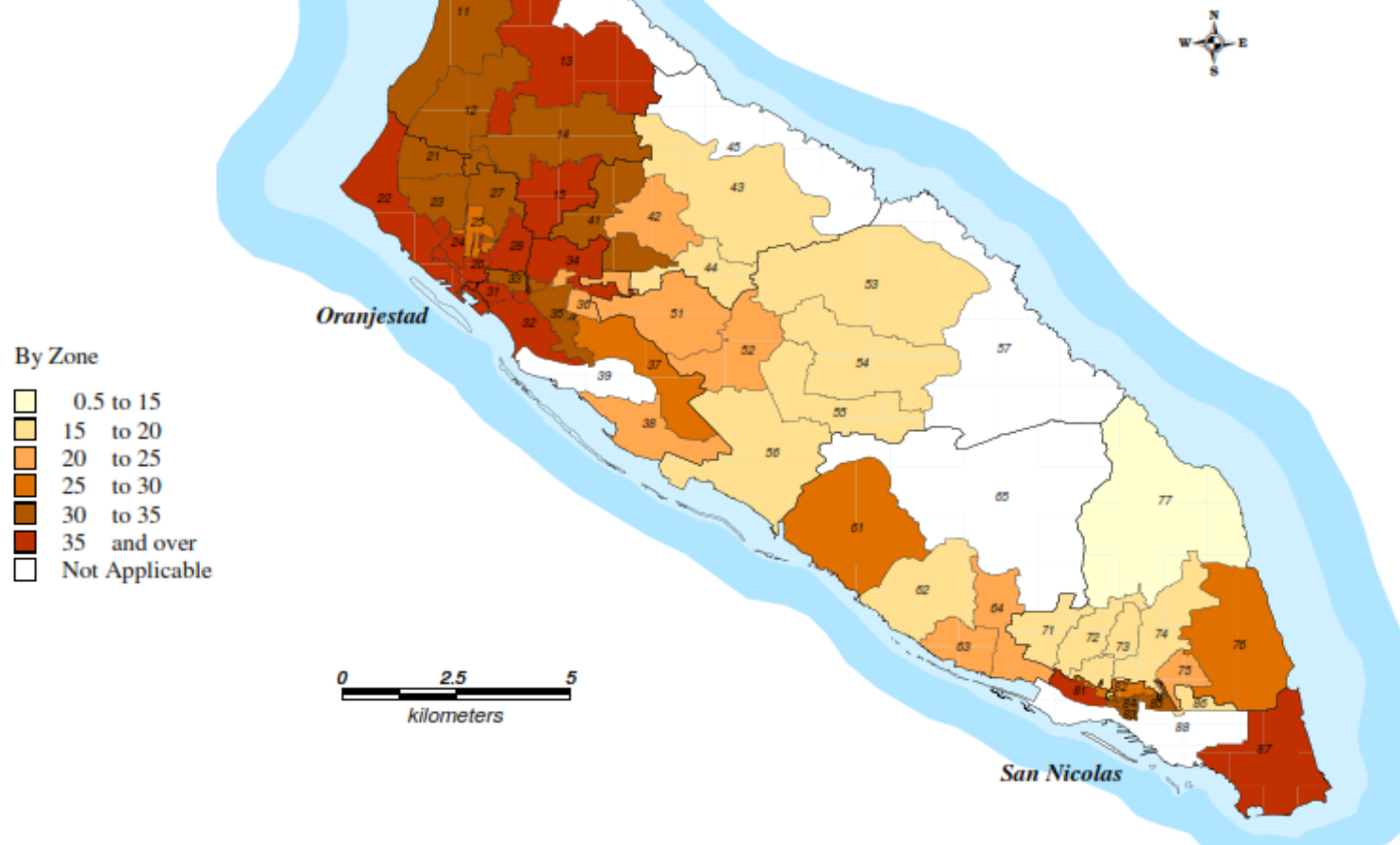
We used the following formula:

$$\frac{\text{(Number of foreign-born persons who came to Aruba for the last time before January 1st 1986 and who settled in a particular zone)}}{\text{(Number of persons residing in a particular zone)}} * 100$$

Obviously, the attraction of San Nicolas as a prime migration destination is closely related to the proximity of the oil refinery. As most other economic activities in Aruba are concentrated around Oranjestad, it comes as no surprise that also in this area many migrants sought housing to be closer to their work.

	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>	%	%	<u>Region 5: Santa Cruz</u>	%	%
11 Palm Beach/Malmok	4.9	4.1	51 Hooiberg	5.1	4.4
12 Washington	5.0	3.8	52 Papilon	3.6	2.6
13 Alto Vista	3.9	3.1	53 Cashero	2.2	1.5
14 Moko\Tanki Flip	3.3	3.0	54 Urataca	3.1	1.5
15 Tanki Leendert	3.8	3.1	55 Macuarima	2.4	3.1
16 Noord other	-	-	56 Balashi/Barcadera	4.5	3.7
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	4.4	4.3	61 Pos Chiquito	5.6	4.6
22 Eagle/Paardebaai	11.3	10.6	62 Jara/Seroe Alejandro	4.4	3.7
23 Madiki Kavel	8.8	6.7	63 De Bruynewijk	6.2	4.5
24 Madiki/Rancho	7.9	7.2	64 Cura Cabai	6.1	5.0
25 Paradijswijk/Sta.Helena	10.7	9.1	65 Savaneta	-	-
26 Socotoro/Rancho	11.3	8.0			
27 Ponton	8.2	5.3	<u>Region 7: San Nicolas-North</u>		
28 Companashi/Solito	11.5	7.3	71 Brasil	4.5	4.4
			72 Rooi Congo	11.0	7.4
<u>Region 3: Oranjestad-East</u>			73 Watapana Gezaag	10.7	7.4
31 Nassaustraat	15.1	8.3	74 Standardville/Rooi Hundo	9.4	7.8
32 Klip/Mon Plaisir	16.1	13.1	75 Kustbatterij	11.2	10.3
33 Sividivi	8.9	8.0	76 Juana Morto	14.6	7.7
34 Seroe Blanco/Cumana	6.6	4.4	77 San Nicolas-North other	16.7	-
35 Dakota/Potrero	13.3	10.0			
36 Tarabana	9.2	7.2	<u>Region 8: San Nicolas-South</u>		
37 Sabana Blanco/Mahuma	5.8	5.6	81 Zeewijk	14.0	10.7
38 Simeon Antonio	6.0	4.7	82 Pastoor Hendrikstraat	14.4	10.2
39 Oranjestad-East other	-	-	83 vd Veen Zeppenfeldstraat	17.5	19.6
			84 Village	21.1	15.1
<u>Region 4: Paradera</u>			85 Essoville	12.7	7.9
41 Shiribana	5.6	3.6	86 Lago/Esso Heights	13.6	11.0
42 Paradera	3.4	3.4	87 Seroe Colorado	8.4	11.2
43 Ayo	2.9	2.5	88 San Nicolas-South other	-	-
44 Piedra Plat	3.5	3.0			
45 Paradera other	-	-			

P-C.3. Foreign-born population that came to Aruba for the last time after January 1st 1986, as a percentage of the total population by zone



### P-C.3 Foreign-born population, that came to Aruba for the last time after January 1 st 1986, as a percentage of total population

Map P-C.3. shows the regional distribution of recent migrants. The map shows where migrants settled, who came to Aruba for the last time, after January 1, 1986.

The formula which we used to draw the map is the following:

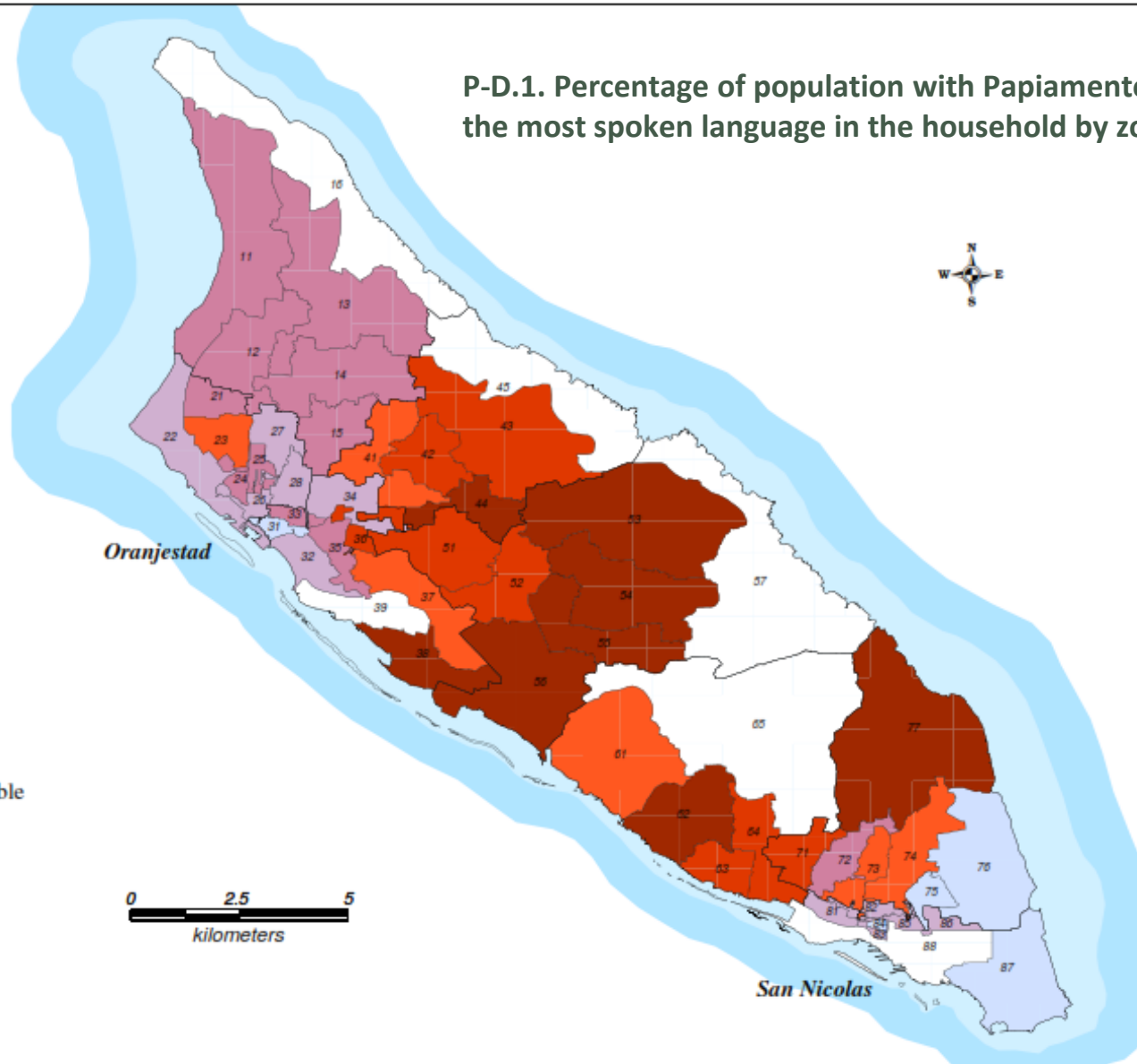
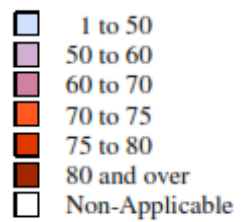
$$\frac{(\text{Number of foreign-born persons who came to Aruba for the last time after January 1st 1986 and who settled in a particular zone})}{(\text{Number of persons residing in a particular zone})} * 100$$

According to the 2010 Population and Housing Census, the population of Aruba consists of a total of 28,422 foreign-born persons, who came to Aruba for the last time after January 1, 1986, representing 28 percent of the total population of the island. The largest group that came to Aruba for the last time after January 1st 1986, settled in the area of Nassastraat (60.3%). Despite a small increase in the percentages in certain zones in the region of Santa Cruz, this area maintains the lowest percentage of foreign-born persons.

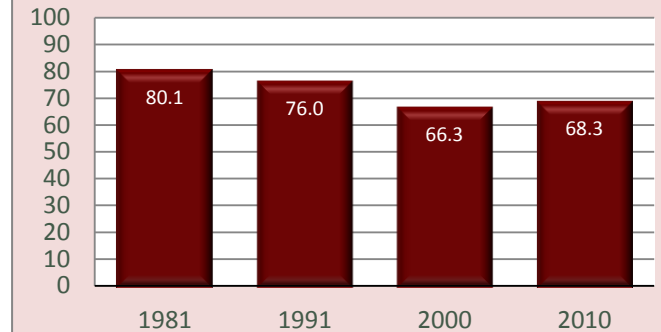
	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>	%	%	<u>Region 5: Santa Cruz</u>	%	%
11 Palm Beach/Malmok	26.5	31.9	51 Hooiberg	22.6	22.2
12 Washington	26.6	32.3	52 Papilon	21.1	23.2
13 Alto Vista	25.3	36.1	53 Cashero	14.6	15.1
14 Moko\Tanki Flip	31.4	34.1	54 Urataca	11.3	18.4
15 Tanki Leendert	31.0	36.4	55 Macuarima	18.6	18.2
16 Noord other	100.0	-	56 Balashi/Barcadera	16.7	19.1
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	34.2	34.6	61 Pos Chiquito	22.2	26.5
22 Eagle/Paardebaai	36.1	38.4	62 Jara/Seroe Alejandro	14.2	15.6
23 Madiki Kavel	29.5	30.4	63 De Bruynewijk	20.0	22.9
24 Madiki/Rancho	34.4	39.7	64 Cura Cabai	18.7	22.4
25 Paradijswijk/Sta.Helena	20.3	26.9	65 Savaneta	-	-
26 Socotoro/Rancho	38.6	45.0			
27 Ponton	29.9	34.2	<u>Region 7: San Nicolas-North</u>		
28 Companashi/Solito	34.0	40.5	71 Brasil	17.9	19.1
			72 Rooi Congo	15.2	18.0
<u>Region 3: Oranjestad-East</u>			73 Watapana Gezaag	17.5	19.5
31 Nassastraat	44.0	60.3	74 Standardville/Rooi Hundo	16.1	16.8
32 Klip/Mon Plaisir	33.2	35.2	75 Kustbatterij	22.9	22.4
33 Sividivi	31.0	31.1	76 Juana Morto	20.2	28.4
34 Seroe Blanco/Cumana	35.5	39.4	77 San Nicolas-North other	14.3	5.0
35 Dakota/Potrero	27.7	33.7			
36 Tarabana	17.0	22.2	<u>Region 8: San Nicolas-South</u>		
37 Sabana Blanco/Mahuma	27.1	27.2	81 Zeewijk	30.0	36.3
38 Simeon Antonio	21.5	23.3	82 Pastoor Hendrikstraat	27.9	26.5
39 Oranjestad-East other	-	-	83 vd Veen Zeppenfeldstraat	37.2	33.0
			84 Village	29.6	30.1
<u>Region 4: Paradera</u>			85 Essoville	30.7	31.7
41 Shiribana	23.6	30.3	86 Lago/Esso Heights	16.5	15.5
42 Paradera	18.1	23.2	87 Seroe Colorado	56.8	41.0
43 Ayo	15.3	19.9	88 San Nicolas-South other	77.5	-
44 Piedra Plat	15.5	18.6			
45 Paradera other	-	-			

**P-D.1. Percentage of population with Papiamentu as the most spoken language in the household by zone**

By Zone



**Percentage of households with papiamentu as most spoken language in the household**



**Most spoken languages in households in Aruba**

	Papiamentu	Spanish	Dutch	English
Noord/ Tanki Leendert	63.8%	16.8%	8.9%	5.0%
Oranjestad West	62.0%	22.4%	4.6%	4.2%
Oranjestad East	65.3%	18.1%	6.9%	4.2%
Paradera	76.4%	10.3%	7.4%	2.1%
Santa Cruz	81.3%	8.2%	5.5%	2.1%
Savaneta	76.5%	8.5%	5.1%	6.5%
San Nicolas North	67.2%	5.9%	2.4%	20.9%
San Nicolas South	50.6%	11.0%	3.0%	29.8%
<b>Total</b>	<b>68.6%</b>	<b>13.6%</b>	<b>6.0%</b>	<b>7.1%</b>

**Most spoken languages in households in Aruba**

	Papiamentu	Spanish	Dutch	English
Male	48.1	44.2	48.1	45.6
Female	51.9	55.8	51.9	54.4
<b>Total</b>	<b>68.6%</b>	<b>13.6%</b>	<b>6.0%</b>	<b>7.1%</b>

### P-D.1. Percentage of population with Papiamento as the most spoken language in the household

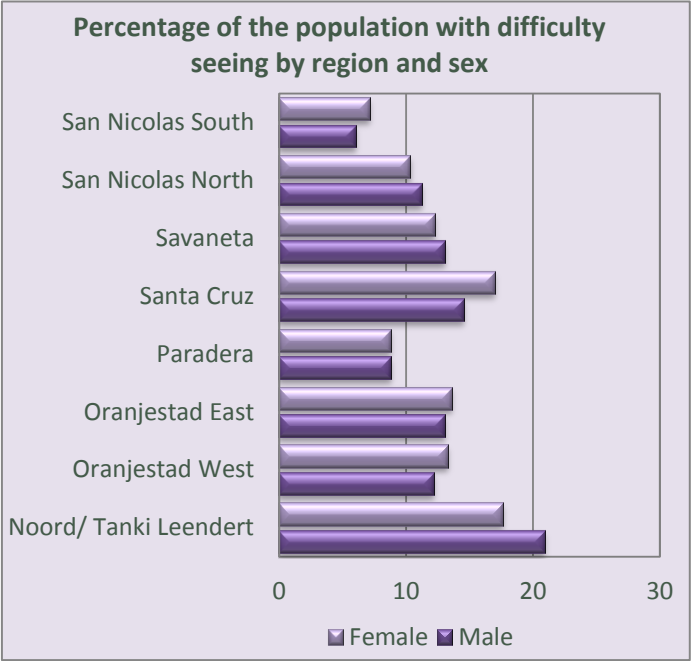
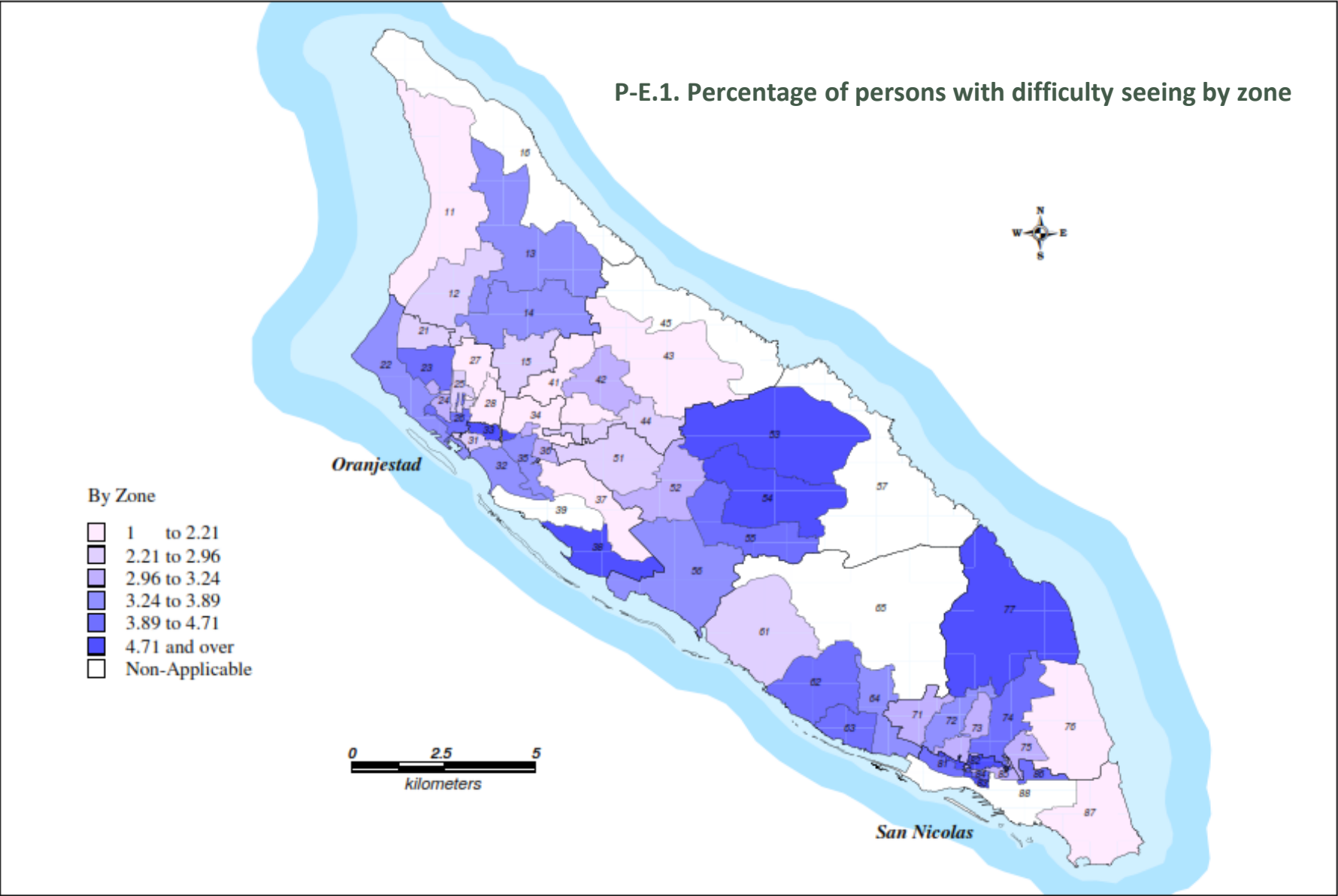
According to the 2010 Census Papiamento remains the most spoken language in households in Aruba, where 68.6% of the population spoke mostly Papiamento in the household. We can even observe a slight increase in 2010, compared to the 2000 Census, when 66.3% of the population spoke mostly Papiamento in the household. Spanish remains the second most spoken language in households. With the influx of Latin American workers, the use of Spanish has increased from 13.2% in 2000 to 13.6% in 2010. English is still the third language with 7.0 percent and Dutch remains in fourth place with 6.0 percent.

The percentage of the population with Papiamento as mostly spoken language in the household was calculated as follows:

$$\frac{\text{(Number of persons in a particular zone indicating speaking Papiamento most often in the household)}}{\text{(Total number of persons in a particular zone)}} \times 100$$

It is interesting to see that the regions of Paradera and Santa Cruz still have the highest proportions of households where Papiamento is most often spoken. In both regions, the percentage of persons who speak Papiamento most often in the household is higher than 70 percent. 'Seroe Colorado' and 'Nassaustraat' have the lowest proportion of Papiamento-speaking households.

	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>			<u>Region 5: Santa Cruz</u>		
	%	%		%	%
11 Palm Beach/Malmok	64.7	64.8	51 Hooiberg	72.3	79.0
12 Washington	67.9	64.4	52 Papon	76.0	78.8
13 Alto Vista	66.9	62.8	53 Cashero	83.4	84.6
14 Moko/Tanki Flip	62.1	63.6	54 Urataca	83.3	81.7
15 Tanki Leendert	63.4	63.3	55 Macuarima	79.1	81.4
16 Noord other	100.0	-	56 Balashi/Barcadera	79.7	84.0
<u>Region 2: Oranjestad-West</u>			57 Santa Cruz other	-	-
21 Pos Abao/Cunucu Abao	60.4	65.0	<u>Region 6: Savaneta</u>		
22 Eagle/Paardebaai	48.5	51.0	61 Pos Chiquito	71.2	73.2
23 Madiki Kavel	67.1	70.3	62 Jara/Seroe Alejandro	82.0	85.2
24 Madiki/Rancho	56.9	61.9	63 De Bruynwijk	73.2	75.5
25 Paradijswijk/Sta.Helena	70.0	69.7	64 Cura Cabai	71.7	75.3
26 Socotoro/Rancho	55.3	53.1	65 Savaneta	-	-
27 Ponton	59.7	60.7	<u>Region 7: San Nicolas-North</u>		
28 Companashi/Solito	54.9	56.4	71 Brasil	73.3	79.4
<u>Region 3: Oranjestad-East</u>			72 Rooi Congo	63.7	69.2
31 Nassaustraat	35.0	35.3	73 Watapana Gezaag	65.7	72.9
32 Klip/Mon Plaisir	50.5	54.5	74 Standardville/Rooi Hundo	66.0	75.1
33 Sividivi	63.2	62.6	75 Kustbatterij	42.3	43.2
34 Seroe Blanco/Cumana	55.6	58.4	76 Juana Morto	40.6	48.7
35 Dakota/Potrero	62.9	62.6	77 San Nicolas-North other	71.4	82.5
36 Tarabana	76.9	78.7	<u>Region 8: San Nicolas-South</u>		
37 Sabana Blanco/Mahuma	67.8	72.5	81 Zeewijk	59.1	53.7
38 Simeon Antonio	73.8	81.1	82 Pastoor Hendrikstraat	49.4	54.8
39 Oranjestad-East other	-	-	83 vd Veen Zeppenfeldstraat	26.0	54.7
<u>Region 4: Paradera</u>			84 Village	33.5	41.8
41 Shiribana	69.8	70.5	85 Essoville	47.0	52.2
42 Paradera	77.8	76.7	86 Lago/Esso Heights	48.7	51.0
43 Ayo	79.4	78.6	87 Seroe Colorado	22.3	38.8
44 Piedra Plat	81.3	82.1	88 San Nicolas-South other	4.8	-
45 Paradera other	-	-			



Population with difficulty seeing by age category			
Age category	Male	Female	Total
0-14	69	50	119
15-24	80	110	191
25-34	71	107	179
35-44	114	189	303
45-54	240	334	575
55-64	225	326	551
65-74	222	352	574
75-84	166	247	412
85-94	57	116	173
95+	5	24	29
<b>Total</b>	<b>1,250</b>	<b>1,855</b>	<b>3,105</b>

## P-E.1. Percentage of the population with difficulty seeing

In the 2010 census, persons with difficulty seeing were those persons who indicated that they had a lot of difficulty seeing or were not able to see at all, even if wearing glasses/contact lenses. This question is one of several questions that were specifically related to difficulties in functioning due to a health problem and were answered by persons of all ages. The question concerning difficulty seeing was first introduced during the 2010 Census and therefore no comparison will be made with previous years.

Zones with highest % of persons with difficulty seeing	%
San Nicolas North other	7.5%
van de Veen Zeppenfeldstraat	7.3%
Urataca	5.4%
Pastoor Hendrikstraat	5.1%
Sivdivi	5.0%

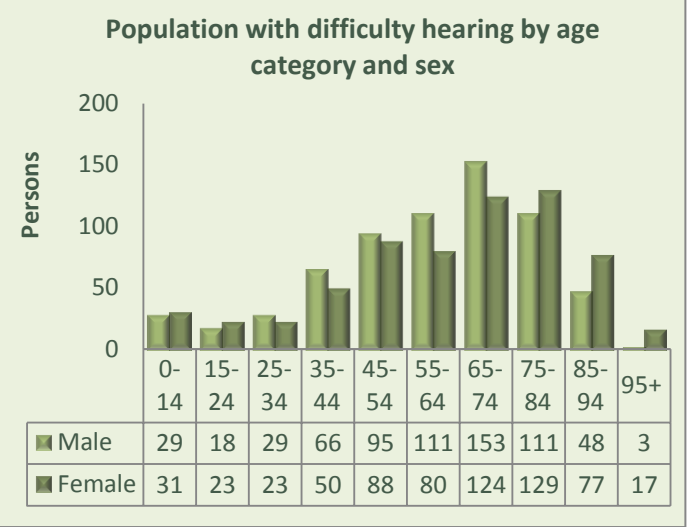
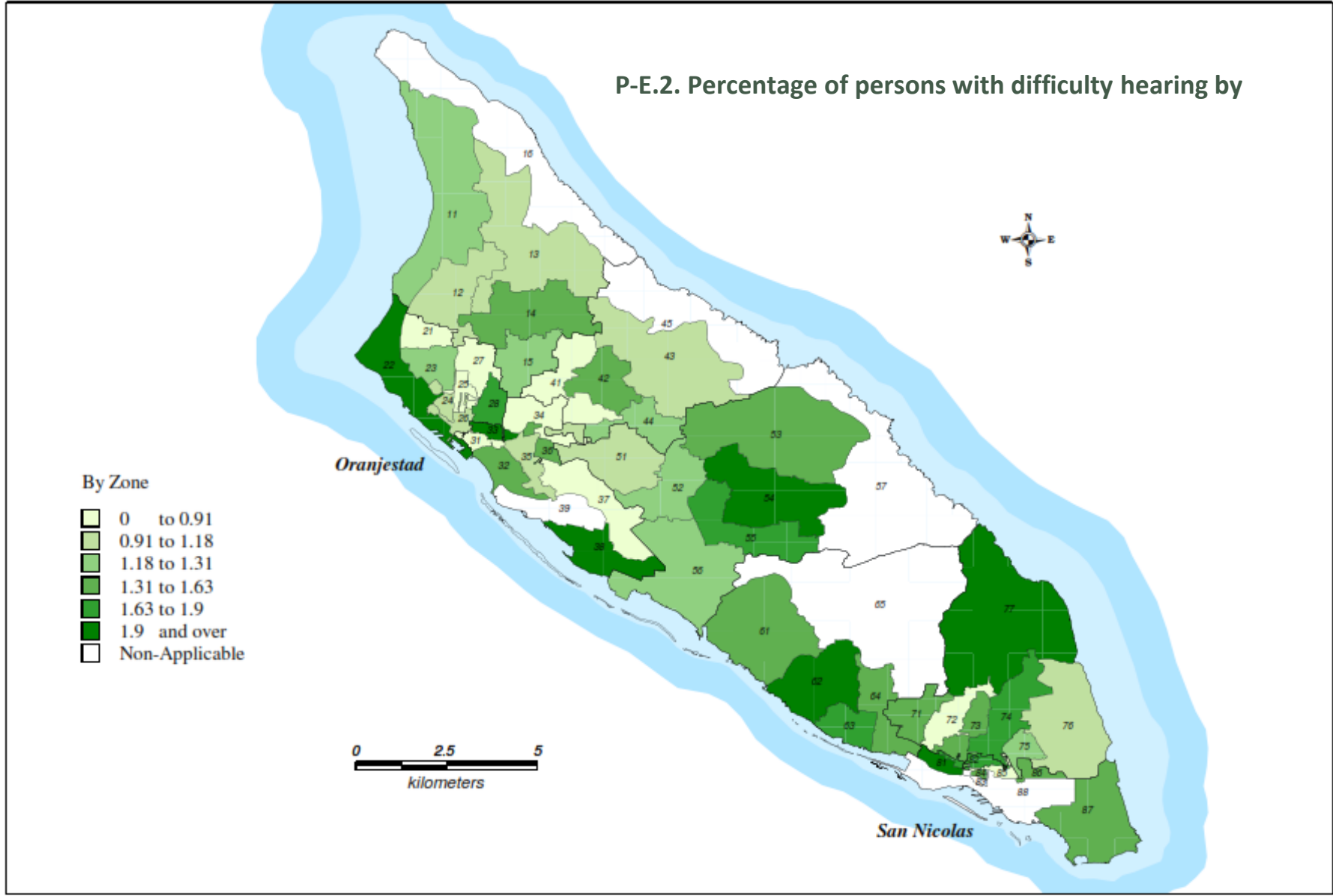
Map P-E.1. is based on the following formula:

$$\frac{(\text{Number of persons with difficulty seeing, in a particular zone})}{\text{Total number of persons in a particular zone}} * 100$$

According to the population census, the number of persons in Aruba, who indicated having difficulty seeing amounted to 3.1 percent of the total population. The highest percentage can be found in San Nicolas, namely in 'San Nicolas-North other' and in 'van de Veen Zeppenfeldstraat'. This relatively high percentage can probably be explained by the relatively high percentage of elderly persons living in this region.

2010		2010	
<u>Region 1: Noord/ Tanki Leendert</u>		<u>Region 5: Santa Cruz</u>	
	%		%
11 Palm Beach/Malmok	2.1	51 Hooiberg	2.9
12 Washington	2.7	52 Papilon	3.0
13 Alto Vista	3.3	53 Cashero	4.9
14 Moko/Tanki Flip	3.2	54 Urataca	5.4
15 Tanki Leendert	2.4	55 Macuarima	3.9
16 Noord other	-	56 Balashi/Barcadera	3.8
		57 Santa Cruz other	-
<u>Region 2: Oranjestad-West</u>		<u>Region 6: Savaneta</u>	
21 Pos Abao/Cunucu Abao	2.3	61 Pos Chiquito	2.6
22 Eagle/Paardebai	3.3	62 Jara/Seroe Alejandro	4.1
23 Madiki Kavel	4.3	63 De Bruynewijk	4.7
24 Madiki/Rancho	3.2	64 Cura Cabai	3.5
25 Paradijswijk/Sta.Helena	2.2	65 Savaneta	-
26 Socotoro/Rancho	4.0		
27 Ponton	1.5	<u>Region 7: San Nicolas-North</u>	
28 Companashi/Solito	2.2	71 Brasil	3.1
		72 Rooi Congo	3.5
<u>Region 3: Oranjestad-East</u>		73 Watapana Gezaag	3.1
31 Nassaustraat	2.3	74 Standardville/Rooi Hundo	4.5
32 Klip/Mon Plaisir	3.3	75 Kustbatterij	3.0
33 Sivdivi	5.0	76 Juana Morto	1.8
34 Seroe Blanco/Cumana	1.7	77 San Nicolas-North other	7.5
35 Dakota/Potrero	3.4		
36 Tarabana	3.2	<u>Region 8: San Nicolas-South</u>	
37 Sabana Blanco/Mahuma	2.0	81 Zeewijk	4.4
38 Simeon Antonio	4.8	82 Pastoor Hendrikstraat	5.1
39 Oranjestad-East other	-	83 vd Veen Zeppenfeldstraat	7.3
		84 Village	4.5
<u>Region 4: Paradera</u>		85 Essoville	3.2
41 Shiribana	1.8	86 Lago/Esso Heights	4.4
42 Paradera	3.0	87 Seroe Colorado	1.6
43 Ayo	1.9	88 San Nicolas-South other	-
44 Piedra Plat	2.8		
45 Paradera other	-		





Percentage of the population with difficulty hearing	
Zones	Highest %
San Nicolas-North other	7.5
Sividi	3.5
Simeon Antonio	2.8
Urataca	2.5

Percentage of the population with difficulty hearing	
Zones	Lowest %
vd Veen Zeppenfeldstraat	0.0
Ponton	0.5
Pos Abao/Cunucu Abao	0.6
Nassastraat	0.7

Percentage of the population with difficulty hearing		
Age category	% Males	% Females
0 - 64 years	0.7	0.6
65 years and older	0.7	0.7
<b>Total</b>	<b>1.4</b>	<b>1.2</b>



## P-E.2. Percentage of the population with difficulty hearing

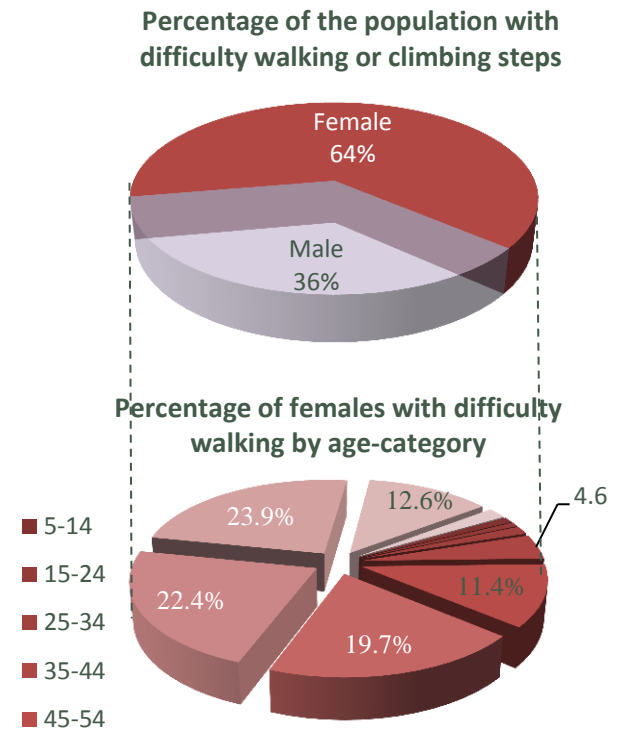
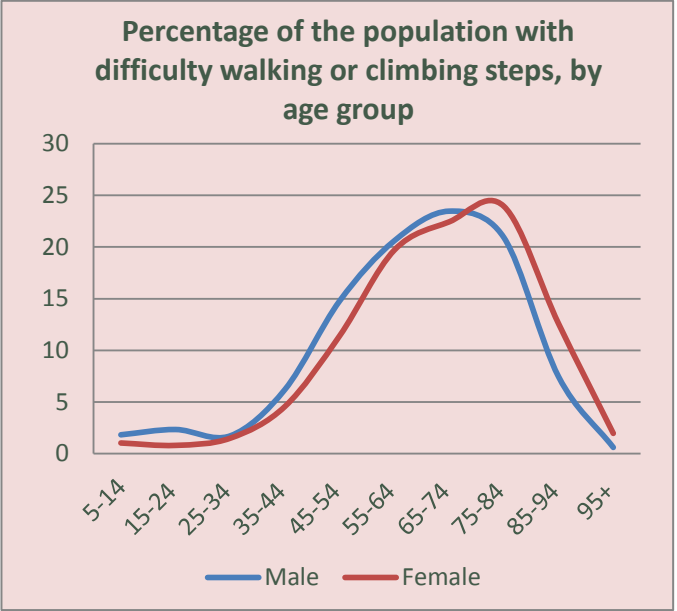
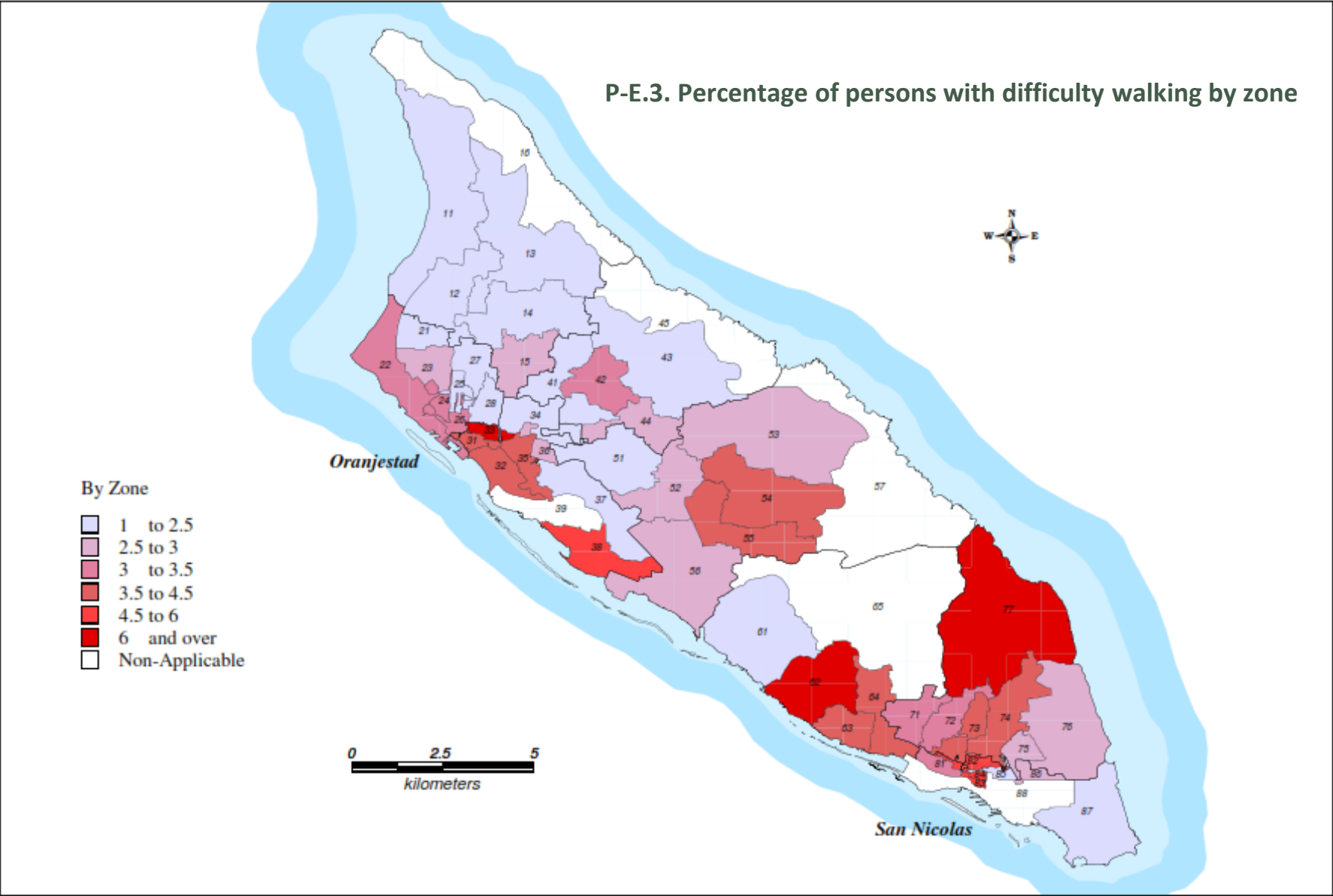
During the 2010 Census persons with difficulty hearing were considered to be those persons who indicated having a lot of difficulty hearing or not being able to hear at all. This question was also first introduced during the 2010 Census, which means that no comparison will be made with previous years.

Map P-E.2. is based on the following formula:

$$\frac{\text{(Number of persons with difficulty hearing, in a particular zone)}}{\text{(Total number of persons in a particular zone)}} * 100$$

The map on page 29 shows that according to the 2010 Population Census, the number of persons in Aruba, who indicated having difficulty hearing amounted to 1.3 percent of the total population. The table shows the zones with the highest and lowest percentage of persons with difficulty hearing while the graph illustrates the prevalence of difficulties hearing by age category and sex.

2010		2010	
<u>Region 1: Noord/ Tanki Leendert</u>		<u>Region 5: Santa Cruz</u>	
	%		%
11 Palm Beach/Malmok	1.3	51 Hooiberg	1.2
12 Washington	1.0	52 Papijon	1.2
13 Alto Vista	1.1	53 Cashero	1.5
14 Moko\Tanki Flip	1.4	54 Urataca	2.5
15 Tanki Leendert	1.3	55 Macuarima	1.8
16 Noord other	-	56 Balashi/Barcadera	1.2
		57 Santa Cruz other	-
<u>Region 2: Oranjestad-West</u>		<u>Region 6: Savaneta</u>	
21 Pos Abao/Cunucu Abao	0.6	61 Pos Chiquito	1.3
22 Eagle/Paardebaai	2.0	62 Jara/Seroe Alejandro	2.2
23 Madiki Kavel	1.3	63 De Bruynewijk	1.7
24 Madiki/Rancho	1.0	64 Cura Cabai	1.4
25 Paradijswijk/Sta.Helena	0.8	65 Savaneta	-
26 Socotoro/Rancho	1.0		
27 Ponton	0.5	<u>Region 7: San Nicolas-North</u>	
28 Companashi/Solito	1.7		
<u>Region 3: Oranjestad-East</u>		71 Brasil	1.5
		72 Rooi Congo	0.8
31 Nassaustraat	0.7	73 Watapana Gezaag	1.3
32 Klip/Mon Plaisir	1.4	74 Standardville/Rooi Hundo	1.7
33 Sividivi	3.5	75 Kustbatterij	1.3
34 Seroe Blanco/Cumana	0.7	76 Juana Morto	0.9
35 Dakota/Potrero	1.2	77 San Nicolas-North other	7.5
36 Tarabana	1.6		
37 Sabana Blanco/Mahuma	0.9	<u>Region 8: San Nicolas-South</u>	
38 Simeon Antonio	2.8		
39 Oranjestad-East other	-	81 Zeewijk	2.0
<u>Region 4: Paradera</u>		82 Pastoor Hendrikstraat	1.9
		83 vd Veen Zeppenfeldstraat	0.0
41 Shiribana	0.9	84 Village	1.3
42 Paradera	1.4	85 Essoville	0.7
43 Ayo	0.9	86 Lago/Esso Heights	1.4
44 Piedra Plat	1.3	87 Seroe Colorado	1.6
45 Paradera other	-	88 San Nicolas-South other	-



### P-E.3. Percentage of the population with difficulty walking or climbing steps

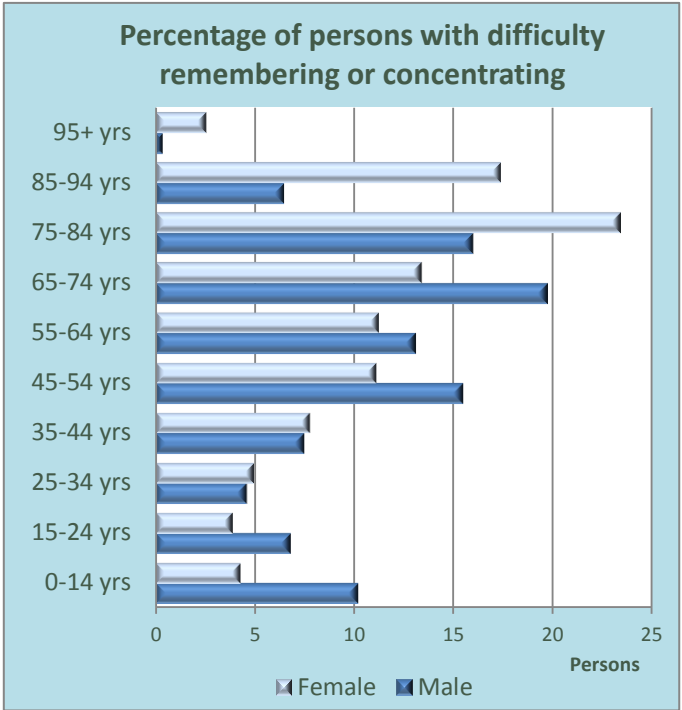
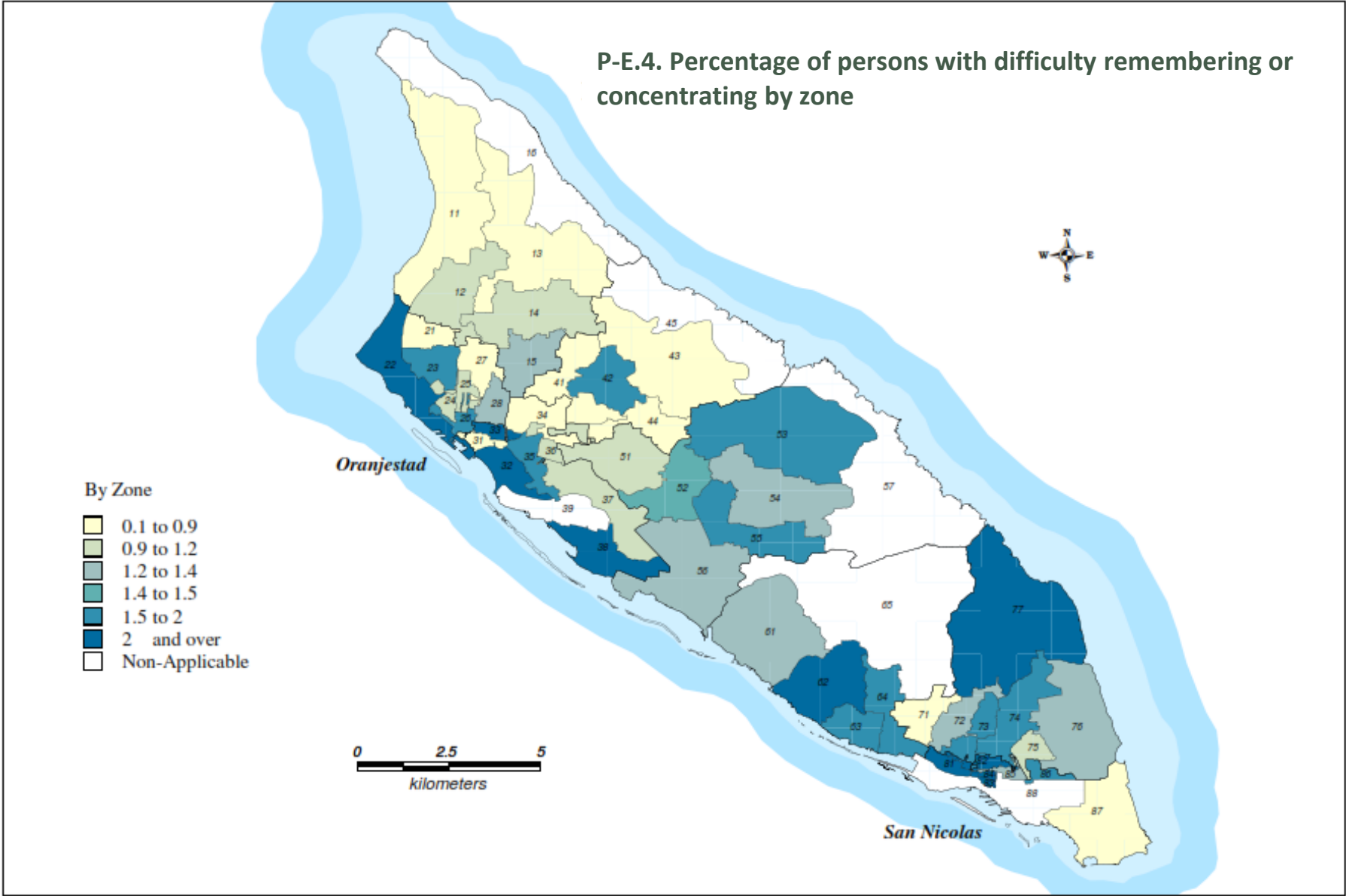
Persons with difficulty walking or climbing steps are those persons who indicated that they had a lot of difficulty walking or climbing steps or were not able to do this at all. This question was to be answered by persons 5 years of age and older, since it would be very difficult to complete for children younger than 5.

Map P-E.3. is based on the following formula:

$$\frac{(\text{Number of persons with difficulty walking or climbing steps, in a particular zone})}{(\text{Total number of persons in a particular zone})} * 100$$

According to the 2010 Population and Housing Census, a total of 2,928 persons indicated having problems walking or climbing steps, due to a health problem. This number amounts to 2.9% of the population of Aruba five years and older. The relatively high percentage that is shown in 'Sivdivi' (13.9%) can almost certainly be explained by the high numbers of elderly persons living in that area in the home for the elderly. In San Nicolas, the highest percentages are seen in 'San Nicolas-North other', 'Pastoor Hendrikstraat', 'van de Veen Zeppenfeldstraat' and in 'Village'. Comparing the number of males and females that indicated having problems walking or climbing steps, in all but one age group the female population seem to have more problems walking or climbing steps due to a health problem.

2010		2010	
<u>Region 1: Noord/ Tanki Leendert</u>		<u>Region 5: Santa Cruz</u>	
	%		%
11 Palm Beach/Malmok	2.1	51 Hooiberg	2.0
12 Washington	2.1	52 Papijon	2.6
13 Alto Vista	1.6	53 Cashero	2.6
14 Moko\Tanki Flip	2.2	54 Urataca	4.1
15 Tanki Leendert	2.9	55 Macuarima	3.7
16 Noord other	-	56 Balashi/Barcadera	2.8
		57 Santa Cruz other	-
<u>Region 2: Oranjestad-West</u>		<u>Region 6: Savaneta</u>	
21 Pos Abao/Cunucu Abao	1.7	61 Pos Chiquito	2.4
22 Eagle/Paardebaai	3.0	62 Jara/Seroe Alejandro	6.1
23 Madiki Kavel	2.6	63 De Bruynewijk	4.0
24 Madiki/Rancho	3.4	64 Cura Cabai	3.6
25 Paradijswijk/Sta.Helena	2.3	65 Savaneta	-
26 Socotoro/Rancho	3.3		
27 Ponton	2.3	<u>Region 7: San Nicolas-North</u>	
28 Companashi/Solito	2.5	71 Brasil	3.2
		72 Rooi Congo	3.3
<u>Region 3: Oranjestad-East</u>		73 Watapana Gezaag	3.5
31 Nassaustraat	3.6	74 Standardville/Rooi Hundo	4.1
32 Klip/Mon Plaisir	3.9	75 Kustbatterij	2.6
33 Sivdivi	13.9	76 Juana Morto	2.6
34 Seroe Blanco/Cumana	2.0	77 San Nicolas-North other	7.5
35 Dakota/Potrero	3.8		
36 Tarabana	2.6	<u>Region 8: San Nicolas-South</u>	
37 Sabana Blanco/Mahuma	1.6	81 Zeewijk	3.3
38 Simeon Antonio	4.8	82 Pastoor Hendrikstraat	5.2
39 Oranjestad-East other	-	83 vd Veen Zeppenfeldstraat	5.0
		84 Village	5.2
<u>Region 4: Paradera</u>		85 Essoville	2.3
41 Shiribana	1.7	86 Lago/Esso Heights	2.6
42 Paradera	3.1	87 Seroe Colorado	1.1
43 Ayo	2.2	88 San Nicolas-South other	-
44 Piedra Plat	2.9		
45 Paradera other	-		



### Percentage of the population with difficulty remembering or concentrating

Zones	Highest %
Sividivi	12.0
Eagle/Paardenbaai	5.5
Pastoor Hendrikstraat	4.0
vd Veen Zeppenfeldstraat	2.8
Jara/Seroe Alejandro	2.7

### Percentage of the population with difficulty remembering or concentrating

Zones	Lowest %
Pos Abao/Cunucu Abao	0.4
Nassaustraat	0.4
Ponton	0.5
Ceroe Colorado	0.5
Piedra Plat and Brasil	0.7

#### P-E.4. Percentage of the population with difficulty remembering or concentrating

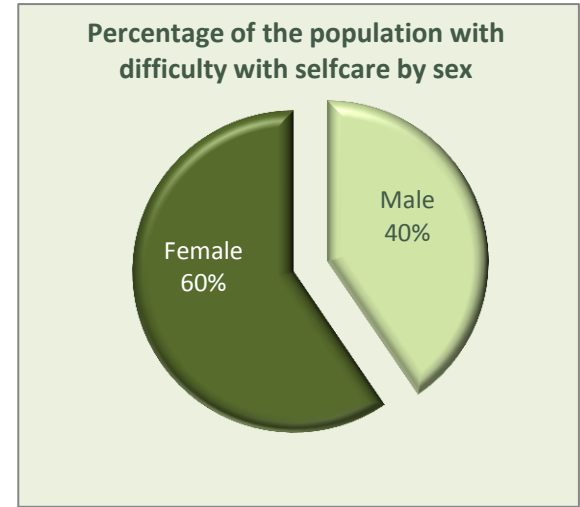
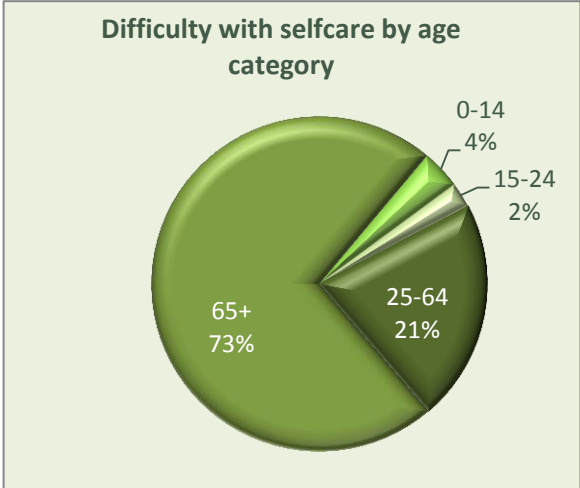
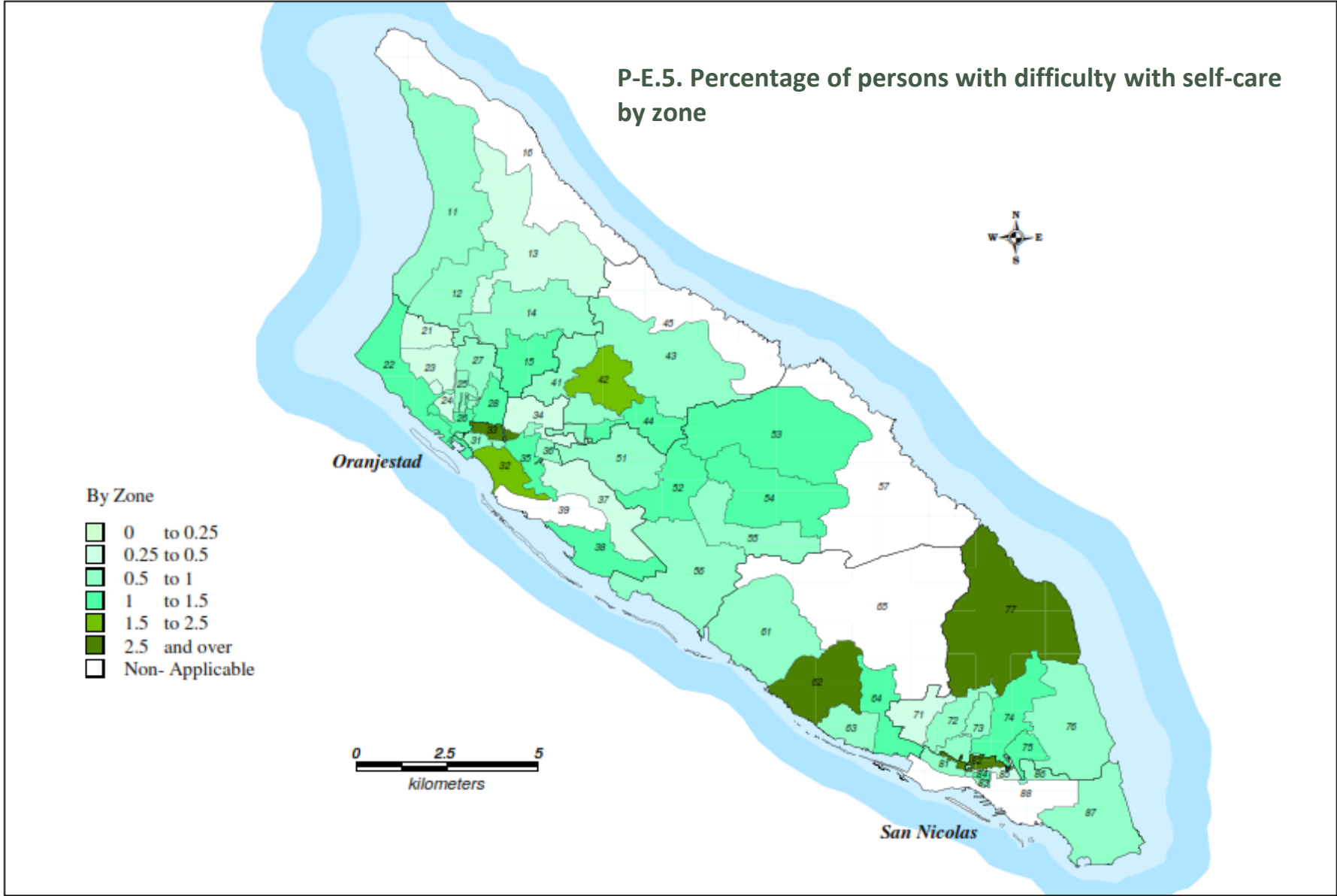
The definition used for persons with difficulty remembering or concentrating is, those persons who indicated that they had a lot of difficulty remembering or concentrating or were not able to do this at all. This question had to be answered by persons 5 years of age and older.

Map P-E.4. is based on the following formula:

$$\frac{\text{(Number of persons with difficulty remembering or concentrating, in a particular zone)}}{\text{(Total number of persons in a particular zone)}} * 100$$

A relatively small number of persons indicated having problems remembering or concentrating due to a health related problem (1.4%). Again the highest concentration of persons with such difficulties can be found in 'Sivdivi' which is, as mentioned before, an area with a high concentration of elderly persons. More women than men indicated that they had difficulty remembering or concentrating.

2010		2010	
<u>Region 1: Noord/ Tanki Leendert</u>		<u>Region 5: Santa Cruz</u>	
	%		%
11 Palm Beach/Malmok	0.8	51 Hooiberg	1.0
12 Washington	0.9	52 Papilon	1.5
13 Alto Vista	0.7	53 Cashero	2.0
14 Moko\Tanki Flip	1.2	54 Urataca	1.4
15 Tanki Leendert	1.3	55 Macuarima	1.8
16 Noord other	-	56 Balashi/Barcadera	1.2
		57 Santa Cruz other	-
<u>Region 2: Oranjestad-West</u>		<u>Region 6: Savaneta</u>	
21 Pos Abao/Cunucu Abao	0.4	61 Pos Chiquito	1.3
22 Eagle/Paardebaai	5.5	62 Jara/Seroe Alejandro	2.7
23 Madiki Kavel	1.5	63 De Bruynewijk	1.7
24 Madiki/Rancho	0.9	64 Cura Cabai	1.9
25 Paradijswijk/Sta.Helena	1.1	65 Savaneta	-
26 Socotoro/Rancho	1.7		
27 Ponton	0.5	<u>Region 7: San Nicolas-North</u>	
28 Companashi/Solito	1.4	71 Brasil	0.7
		72 Rooi Congo	1.3
<u>Region 3: Oranjestad-East</u>		73 Watapana Gezaag	1.9
31 Nassastraat	0.4	74 Standardville/Rooi Hundo	1.9
32 Klip/Mon Plaisir	2.1	75 Kustbatterij	1.0
33 Sivdivi	12.0	76 Juana Morto	1.3
34 Seroe Blanco/Cumana	0.8	77 San Nicolas-North other	2.5
35 Dakota/Potrero	1.9		
36 Tarabana	1.1	<u>Region 8: San Nicolas-South</u>	
37 Sabana Blanco/Mahuma	1.1	81 Zeewijk	2.2
38 Simeon Antonio	2.0	82 Pastoor Hendrikstraat	4.0
39 Oranjestad-East other	-	83 vd Veen Zeppenfeldstraat	2.8
		84 Village	3.7
<u>Region 4: Paradera</u>		85 Essoville	1.2
41 Shiribana	0.9	86 Lago/Esso Heights	1.7
42 Paradera	2.0	87 Seroe Colorado	0.5
43 Ayo	0.8	88 San Nicolas-South other	-
44 Piedra Plat	0.7		
45 Paradera other	-		



## P-E.5. Percentage of the population with difficulty with self-care

Persons who have difficulty with selfcare such as with washing and or dressing are those who indicated that they have a lot of difficulty doing so or were not able to do so at all.

Map P-E.5. is based on the following formula:

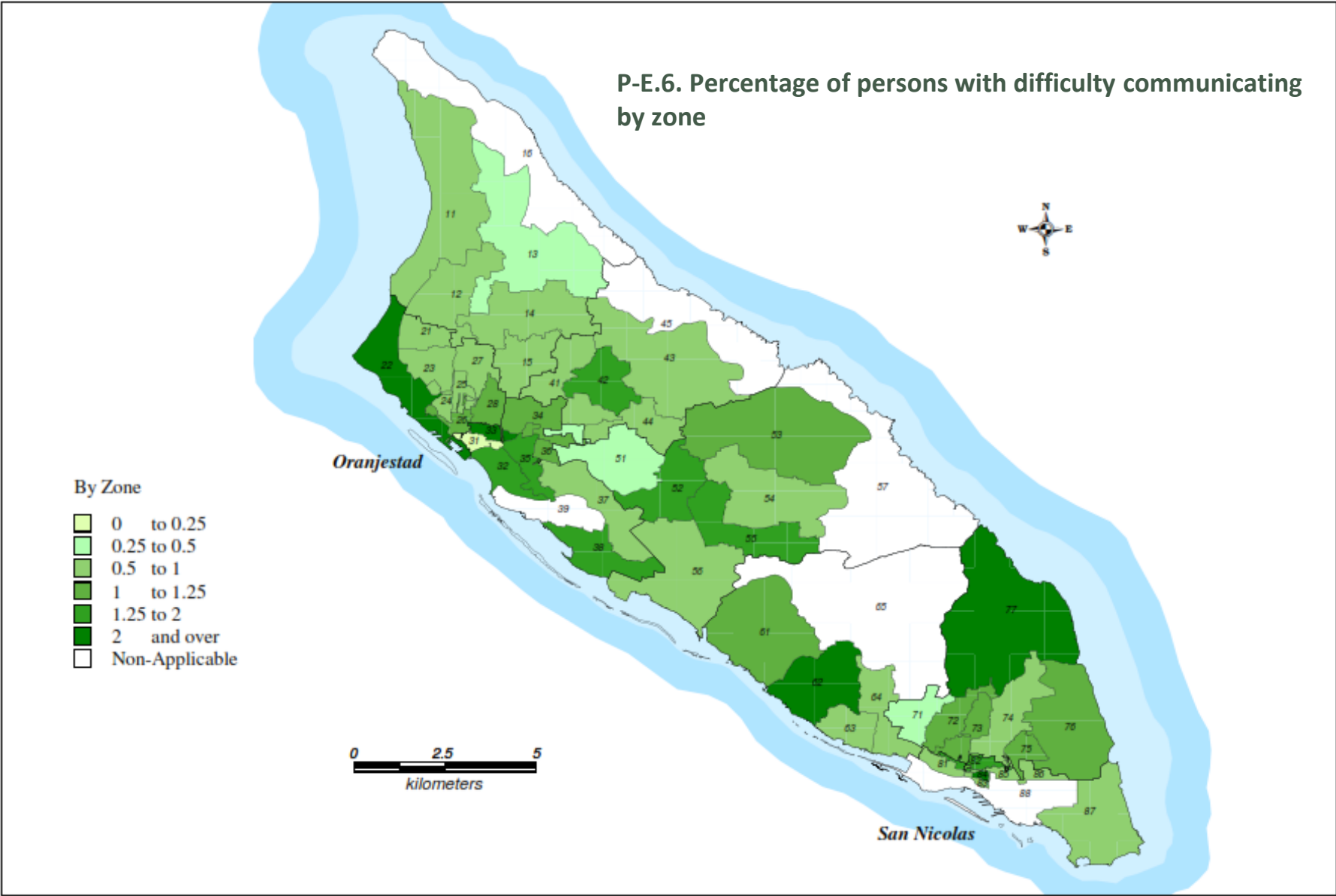
$$\frac{\text{(Number of persons with difficulty with self-care, in a particular zone)}}{\text{(Total number of persons in a particular zone)}} * 100$$

Just about 1% of the total population of Aruba 5 years and older reported having difficulties with selfcare.

Over 70% of persons who indicated having difficulties with selfcare were in the age group 65 years and older. Again the zone of 'Sivdivi' stands out with the highest percentage of persons with difficulties with self-care. 'Pastoor Hendrikstraat' has the second highest numbers with 4.1%.

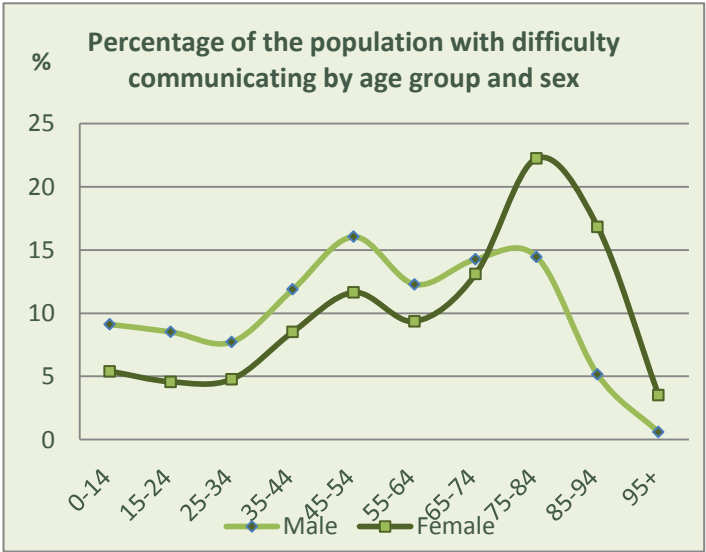
2010		2010	
<u>Region 1: Noord/ Tanki Leendert</u>		<u>Region 5: Santa Cruz</u>	
	%		%
11 Palm Beach/Malmok	0.7	51 Hooiberg	0.7
12 Washington	0.6	52 Papon	1.4
13 Alto Vista	0.4	53 Cashero	1.0
14 Moko\Tanki Flip	0.6	54 Urataca	1.2
15 Tanki Leendert	1.0	55 Macuarima	1.0
16 Noord other	-	56 Balashi/Barcadera	0.6
		57 Santa Cruz other	-
<u>Region 2: Oranjestad-West</u>		<u>Region 6: Savaneta</u>	
21 Pos Abao/Cunucu Abao	0.4	61 Pos Chiquito	0.7
22 Eagle/Paardebai	1.3	62 Jara/Seroe Alejandro	3.3
23 Madiki Kavel	0.4	63 De Bruynewijk	0.7
24 Madiki/Rancho	0.5	64 Cura Cabai	1.1
25 Paradijswijk/Sta.Helena	0.8	65 Savaneta	-
26 Socotoro/Rancho	1.2		
27 Ponton	0.7	<u>Region 7: San Nicolas-North</u>	
28 Companashi/Solito	1.5	71 Brasil	0.4
		72 Rooi Congo	0.9
<u>Region 3: Oranjestad-East</u>		73 Watapana Gezaag	0.8
31 Nassastraat	0.6	74 Standardville/Rooi Hundo	1.2
32 Klip/Mon Plaisir	2.0	75 Kustbatterij	1.1
33 Sivdivi	12.6	76 Juana Morto	0.8
34 Seroe Blanco/Cumana	0.4	77 San Nicolas-North other	2.5
35 Dakota/Potrero	1.5		
36 Tarabana	0.5	<u>Region 8: San Nicolas-South</u>	
37 Sabana Blanco/Mahuma	0.5	81 Zeewijk	0.5
38 Simeon Antonio	1.4	82 Pastoor Hendrikstraat	4.1
39 Oranjestad-East other	-	83 vd Veen Zeppenfeldstraat	0.6
		84 Village	1.2
<u>Region 4: Paradera</u>		85 Essoville	0.4
41 Shiribana	0.6	86 Lago/Esso Heights	0.8
42 Paradera	1.9	87 Seroe Colorado	0.5
43 Ayo	0.6	88 San Nicolas-South other	-
44 Piedra Plat	1.1		
45 Paradera other	-		





Population with difficulty communicating by age group		
Age category	Absolute	%
0-14	78	7.3
15-24	70	6.6
25-34	67	6.3
35-44	109	10.2
45-54	148	13.9
55-64	116	10.9
65-74	146	13.7
75-84	195	18.3
85-94	116	10.9
95+	22	2.0
<b>Total</b>	<b>1,067</b>	<b>100.0</b>

Population with difficulty communicating by region		
Region	Absolute	%
Oranjestad East	231	21.6
Noord/ Tanki Leendert	156	14.6
Savaneta	154	14.4
Santa Cruz	136	12.8
Oranjestad West	130	12.2
Paradera	105	9.8
San Nicolas North	100	9.3
San Nicolas South	56	5.3
<b>Total</b>	<b>1,067</b>	<b>100.0</b>



## P-E.6. Percentage of population with difficulty communicating

Persons who have difficulty communicating are those who indicated that they had a lot of problems communicating or could not communicate at all.

The number of persons who indicated having difficulty communicating due to a health problem, are a relatively small group (1.1%) of the population of Aruba. The majority of persons with difficulty communicating are in the age group 65 years and older.

Map P-E.6. is based on the following formula:

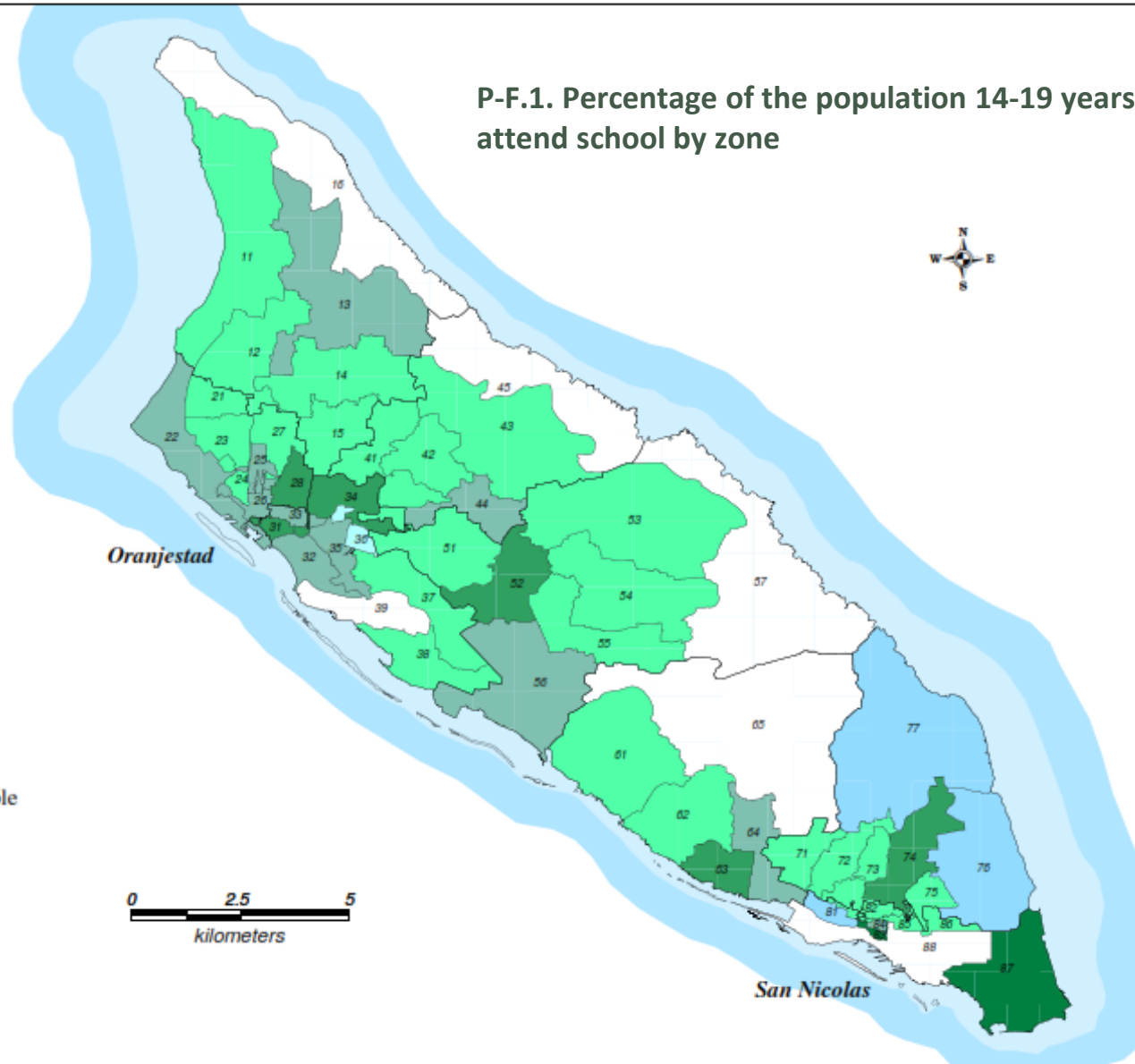
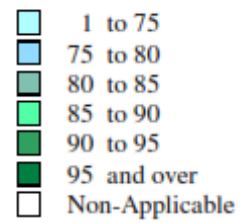
$$\frac{\text{(Number of persons with difficulty communicating, in a particular zone)}}{\text{(Total number of persons in a particular zone)}} * 100$$

Once again the zone of 'Sivdivi' stands out compared to the other zones, due to a higher percentage of elderly persons living in that zone. The zone with the highest percentage of persons with difficulty communicating is 'San Nicolas-North other'. It should be noted that only 43 persons live in this area, from which 5 indicated that they had difficulty communicating. The other zones with an average well above the island average are 'Eagle/Paardenbaai' (3.5%), 'Jara/Seroe Alejandro' (2.6%) and 'Village' (2.1%).

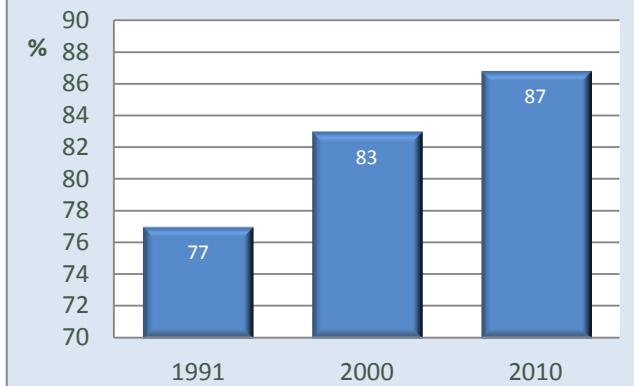
2010		2010	
<u>Region 1: Noord/ Tanki Leendert</u>		<u>Region 5: Santa Cruz</u>	
	%		%
11 Palm Beach/Malmok	0.8	51 Hooiberg	0.5
12 Washington	0.6	52 Papon	1.4
13 Alto Vista	0.5	53 Cashero	1.1
14 Moko\Tanki Flip	0.7	54 Urataca	0.9
15 Tanki Leendert	1.0	55 Macuarima	1.6
16 Noord other	-	56 Balashi/Barcadera	0.9
		57 Santa Cruz other	-
<u>Region 2: Oranjestad-West</u>		<u>Region 6: Savaneta</u>	
21 Pos Abao/Cunucu Abao	0.6	61 Pos Chiquito	1.0
22 Eagle/Paardebaai	3.5	62 Jara/Seroe Alejandro	2.6
23 Madiki Kavel	0.6	63 De Bruynewijk	1.0
24 Madiki/Rancho	0.8	64 Cura Cabai	0.9
25 Paradijswijk/Sta.Helena	0.7	65 Savaneta	-
26 Socotoro/Rancho	1.2		
27 Ponton	0.6	<u>Region 7: San Nicolas-North</u>	
28 Companashi/Solito	1.2	71 Brasil	0.5
		72 Rooi Congo	1.1
<u>Region 3: Oranjestad-East</u>		73 Watapana Gezaag	1.1
31 Nassaustraat	0.1	74 Standardville/Rooi Hundo	0.8
32 Klip/Mon Plaisir	1.3	75 Kustbatterij	1.1
33 Sivdivi	9.5	76 Juana Morto	1.0
34 Seroe Blanco/Cumana	1.0	77 San Nicolas-North other	12.5
35 Dakota/Potrero	1.4		
36 Tarabana	1.1	<u>Region 8: San Nicolas-South</u>	
37 Sabana Blanco/Mahuma	0.7	81 Zeewijk	0.7
38 Simeon Antonio	1.7	82 Pastoor Hendrikstraat	1.9
39 Oranjestad-East other	-	83 vd Veen Zeppenfeldstraat	0.6
		84 Village	2.1
<u>Region 4: Paradera</u>		85 Essoville	0.6
41 Shiribana	0.6	86 Lago/Esso Heights	1.0
42 Paradera	1.9	87 Seroe Colorado	0.5
43 Ayo	0.6	88 San Nicolas-South other	-
44 Piedra Plat	0.6		
45 Paradera other	-		

**P-F.1. Percentage of the population 14-19 years who attend school by zone**

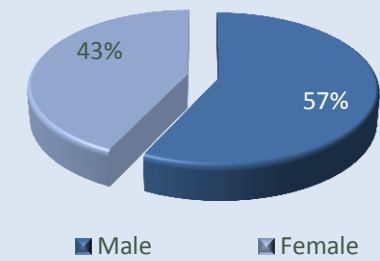
By Zone



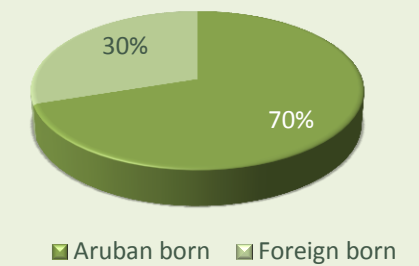
**Percentage of 14-19 year olds attending school, 1991-2010**



**Percentage of 14-19 years olds not attending school, by sex**



**Percentage of the population 14-19 years not attending school by place of birth**



### P-F.1. Percentage of the population 14-19 years who attend school

Map P-F.1. presents the proportion of persons between the ages of 14 and 19 years (inclusive) who are attending school. As such, it is an indication of the level of participation in education after primary school. Of the youngsters in the age group 14 - 19 years 86.8% are attending school.

We used the following formula to draw map P-F.1:

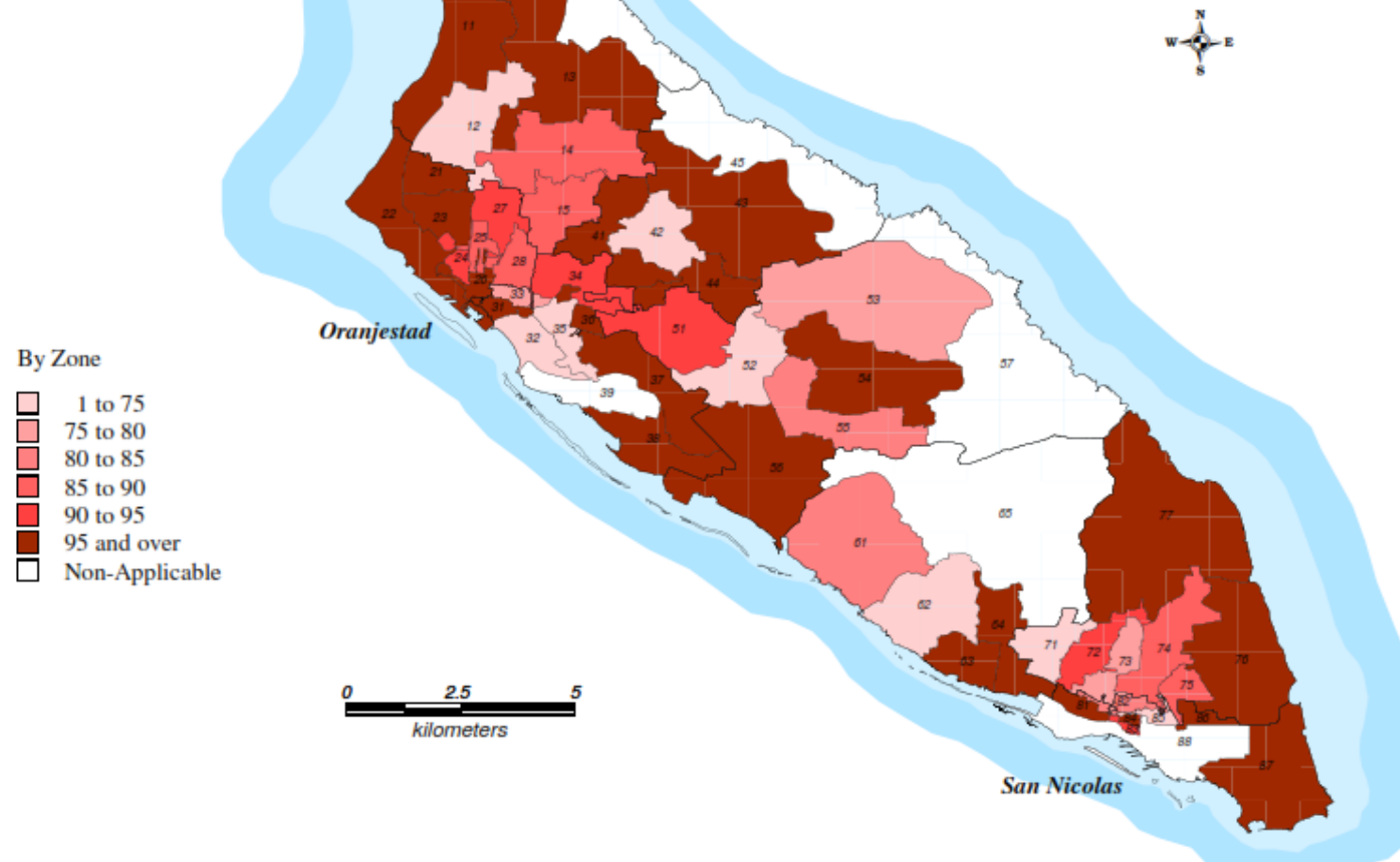
$$\frac{(\text{Number of persons in age group 14-19 years who attend school, living in a particular zone})}{(\text{Number of persons in age group 14-19 years, living in a particular zone})} * 100$$

The school attendance in the age category 14 - 19 years has increased in more than half of the zones. The biggest increase in Oranjestad is visible in 'Sabana Blanco/Mahuma' (18% increase) and 'Pos Abao/Cunucu Abao' (16.3% increase). In San Nicolas, the areas of 'van de Veen Zeppenfeldstraat' and 'Seroe Colorado' have a 100% attendance. However the number of persons in this age group category is very small, respectively 5 and 13 in each area.

Some areas also show a decrease in school attendance, namely 'Tarabana' (14.3%) and 'Juana Morto' (14.3%). The areas of 'van de Veen Zeppenfeldstraat' en 'Seroe Colorado' both have a 100% school attendance rate. Further analysis reveals that about 80% of the youngsters living in 'Tarabana', who are not attending school, are Aruban born.

	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>	%	%	<u>Region 5: Santa Cruz</u>	%	%
11 Palm Beach/Malmok	82.3	86.5	51 Hooiberg	81.4	89.8
12 Washington	82.3	85.2	52 Papilon	82.4	90.9
13 Alto Vista	82.2	84.8	53 Cashero	78.8	89.9
14 Moko\Tanki Flip	78.2	88.5	54 Urataca	88.2	87.9
15 Tanki Leendert	79.6	86.8	55 Macuarima	83.3	87.7
16 Noord other	-	-	56 Balashi/Barcadera	77.4	81.3
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	76.3	88.8	61 Pos Chiquito	78.2	87.1
22 Eagle/Paardebaai	91.3	82.4	62 Jara/Seroe Alejandro	80.5	86.2
23 Madiki Kavel	83.5	87.0	63 De Bruynewijk	87.7	93.1
24 Madiki/Rancho	83.9	85.2	64 Cura Cabai	80.3	84.6
25 Paradijswijk/Sta.Helena	86.0	84.7	65 Savaneta	-	-
26 Socotoro/Rancho	81.1	80.5			
27 Ponton	89.0	88.0	<u>Region 7: San Nicolas-North</u>		
28 Companashi/Solito	79.7	91.0	71 Brasil	82.3	88.1
			72 Rooi Congo	85.6	88.4
<u>Region 3: Oranjestad-East</u>			73 Watapana Gezaag	80.6	87.1
31 Nassaustraat	85.7	93.9	74 Standardville/Rooi Hundo	83.5	91.7
32 Klip/Mon Plaisir	83.5	82.9	75 Kustbatterij	79.4	88.7
33 Sividivi	90.9	84.9	76 Juana Morto	89.3	76.5
34 Seroe Blanco/Cumana	88.4	90.5	77 San Nicolas-North other	66.7	75.0
35 Dakota/Potrero	87.9	84.6			
36 Tarabana	87.3	74.9	<u>Region 8: San Nicolas-South</u>		
37 Sabana Blanco/Mahuma	75.0	88.5	81 Zeewijk	86.9	75.6
38 Simeon Antonio	78.7	85.1	82 Pastoor Hendrikstraat	89.3	85.3
39 Oranjestad-East other	-	-	83 vd Veen Zeppenfeldstraat	75.0	100.0
			84 Village	75.7	82.5
<u>Region 4: Paradera</u>			85 Essoville	87.6	86.7
41 Shiribana	83.1	87.6	86 Lago/Esso Heights	83.2	89.9
42 Paradera	85.5	88.8	87 Seroe Colorado	75.0	100.0
43 Ayo	82.1	89.6	88 San Nicolas-South other	-	-
44 Piedra Plat	78.0	84.2			
45 Paradera other	-	-			

P-F.2. Percentage of the school attending population, who go to school outside their own zone



## P-F.2. Percentage of the school attending population 14 - 19 years, who go to school outside their own zone

Map P-F.2. gives an impression of the commuting of the school attending population of Aruba. Overall 88.1% of the school attending population goes to school outside the zone where they live.

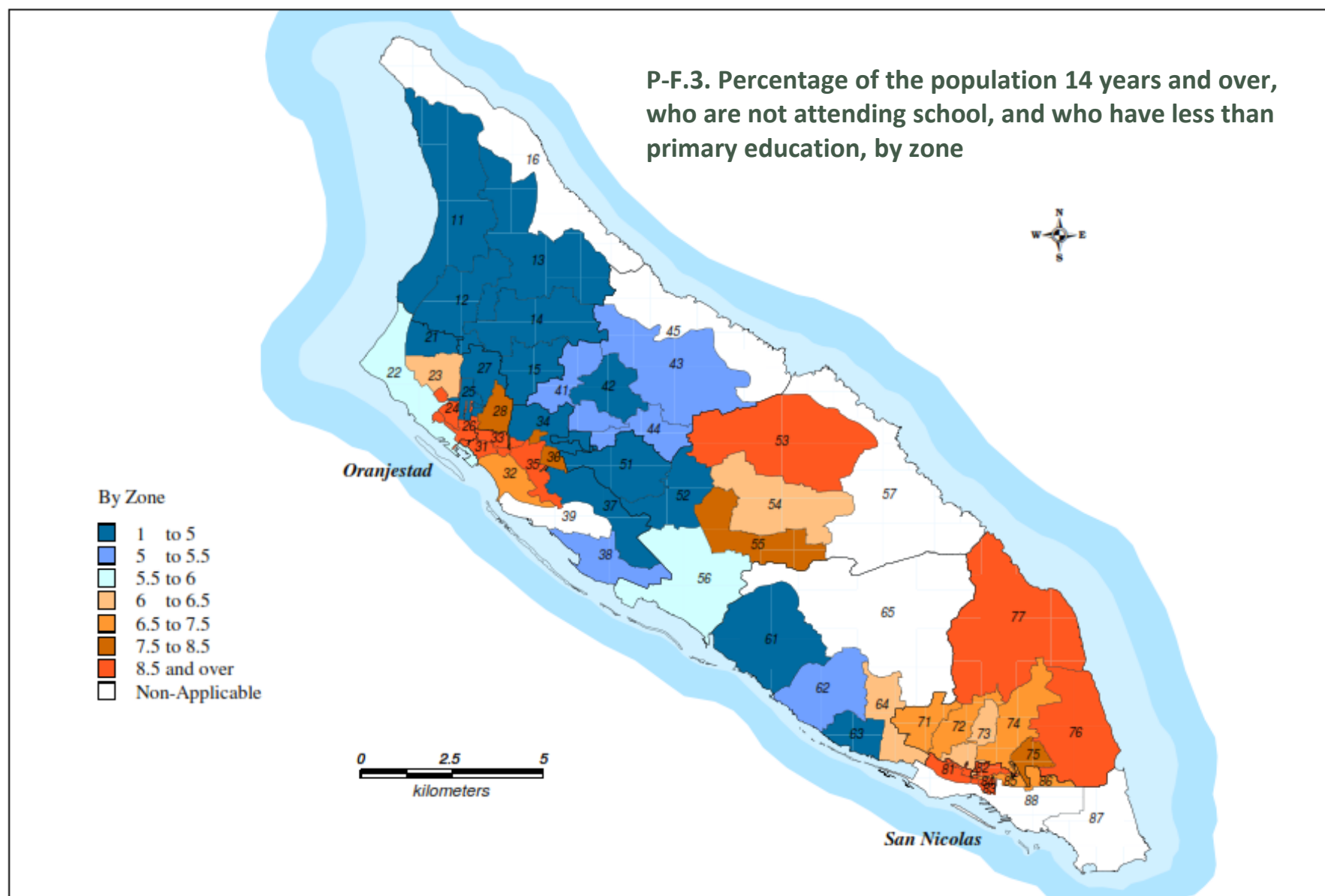
The formula that we used to draw the map is as follows:

$$\frac{(\text{Number of persons 14-19 years of age, in a particular zone, going to school outside of their zone of living})}{(\text{Number of persons 14-19 years of age, in a particular zone})} * 100$$

We can observe that the number of persons who go to school outside of their own zone varies significantly among the various zones. Typically, we find that those zones that are characterized by a large concentration of schools have the lowest percentage of children who go to school outside of their own zone. A typical example is 'Klip/Mon Plaisir' where many schools are located and where only 47.8 percent of the schoolgoing population travels outside of the zone to go to school. On the other hand, in several zones all -or almost all- of the schoolgoing population has to travel outside of their own zone to go to school. In a 28 out of 48 zones more than 90 percent of children go outside of their own zone to get an education.

If we compare the numbers from Seroe Colorado from the 2000 Census with the 2010 Census, we can observe that in 2010, 100% of the schoolgoing population goes to school outside of their zone. The reason for this is the relocation of the International school of Aruba, that used to be situated in Seroe Colorado, but has since (in 2005) moved to Oranjestad.

	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>			<u>Region 5: Santa Cruz</u>		
	%	%		%	%
11 Palm Beach/Malmok	96.9	97.6	51 Hooiberg	99.3	92.6
12 Washington	61.8	66.6	52 Papon	56.8	68.2
13 Alto Vista	97.4	98.2	53 Cashero	62.0	77.9
14 Moko/Tanki Flip	85.6	85.3	54 Urataca	96.8	95.9
15 Tanki Leendert	71.0	85.2	55 Macuarima	73.8	84.3
16 Noord other	-	-	56 Balashi/Barcadera	100.0	100.0
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	98.1	98.3	61 Pos Chiquito	71.8	81.1
22 Eagle/Paardebai	94.5	100.0	62 Jara/Seroe Alejandro	88.1	68.1
23 Madiki Kavel	99.3	99.0	63 De Bruynewijk	73.3	95.1
24 Madiki/Rancho	94.4	91.3	64 Cura Cabai	98.1	96.5
25 Paradijswijk/Sta.Helena	75.5	89.3	65 Savaneta	-	-
26 Socotoro/Rancho	98.3	99.4			
27 Ponton	90.7	92.2	<u>Region 7: San Nicolas-North</u>		
28 Companashi/Solito	84.8	85.0	71 Brasil	75.5	74.8
			72 Rooi Congo	87.1	90.4
<u>Region 3: Oranjestad-East</u>			73 Watapana Gezaag	66.9	78.3
31 Nassaustraat	100.0	100.0	74 Standardville/Rooi Hundo	90.8	89.0
32 Klip/Mon Plaisir	53.4	47.8	75 Kustbatterij	83.0	88.5
33 Sividivi	67.1	75.6	76 Juana Morto	99.6	99.3
34 Seroe Blanco/Cumana	90.8	91.4	77 San Nicolas-North other	-	-
35 Dakota/Potrero	73.7	74.9			
36 Tarabana	98.2	100.0	<u>Region 8: San Nicolas-South</u>		
37 Sabana Blanco/Mahuma	97.7	97.4	81 Zeewijk	100.0	99.2
38 Simeon Antonio	100.0	100.0	82 Pastoor Hendrikstraat	88.9	82.4
39 Oranjestad-East other	-	-	83 vd Veen Zeppenfeldstraat	96.8	92.6
			84 Village	100.0	100.0
<u>Region 4: Paradera</u>			85 Essoville	81.4	74.4
41 Shiribana	96.0	98.2	86 Lago/Esso Heights	99.4	98.9
42 Paradera	68.0	72.9	87 Seroe Colorado	60.3	100.0
43 Ayo	96.0	95.7	88 San Nicolas-South other	-	-
44 Piedra Plat	98.3	97.2			
45 Paradera other	-	-			



Population not attending school with less than primary education by age group		
Age category	%	
0-14	4	0.1
15-24	197	3.3
25-34	344	5.8
35-44	709	12.0
45-54	1,218	20.6
55-64	1,387	23.4
65-74	1,093	18.5
75-84	746	12.6
85-94	197	3.3
95+	26	0.4
<b>Total</b>	<b>5,921</b>	<b>99.9</b>

Top 10 zones with less than primary education, not attending school		
Region	2010	2000
vd Veen Zeppenfeldstraat	24.6	18.6
Nassastraat	14.3	17.1
Village	14.2	19.7
Sivdivi	11.9	9.0
Zeewijk	11.6	10.0
Socotoro/Rancho	10.2	12.4
San Nicolas-North other	10.0	21.4
Cashero	9.5	8.6
Pastoor Hendrikstraat	9.4	10.2
Juana Morto	9.1	7.8

Population not attending school with less than primary education by age group and sex, 2010			
Age category	Male	Female	Total
0-14	2	2	4
15-24	128	69	197
25-34	185	159	344
35-44	334	375	709
45-54	568	649	1,218
55-64	544	842	1,387
65-74	411	682	1,093
75-84	227	518	746
85-94	52	145	197
95+	3	23	26
<b>Total</b>	<b>2,456</b>	<b>3,465</b>	<b>5,921</b>



### P-F.3. Percentage of the population 14 years and over, who are not attending school, and who have less than primary education

For those who no longer follow an education, data was gathered in the 2010 Census on their educational attainment. Educational attainment was measured by asking persons to report the highest diploma they obtained from an educational program. We used the 'International Standard Classification of Education' (ISCED) to classify the educational attainment of the population of Aruba.

According to the 2010 Census the percentage of persons who did not finish primary education keeps dropping. Comparing data from previous Censuses, one can observe a steady decrease in the proportion of the population without primary education. In 1981, 18.1 percent of the population was without primary education. In 1991, 13.9% of all persons living in Aruba, did not finish primary education. These numbers fell even further according to the 2000 Census, when 8% of men and 10.4% of women indicated not having finished primary education. Finally, the 2010 Census indicated that 5.8% of the total population never finished primary education.

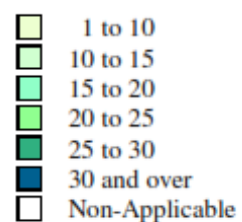
We used the following formula:

$$\frac{(\text{Number of persons, 14 years and over, who are not attending school, and who did not finish or follow primary education, in a particular zone})}{(\text{Number of persons 14 years and over, who are not attending school, in a particular zone})} * 100$$

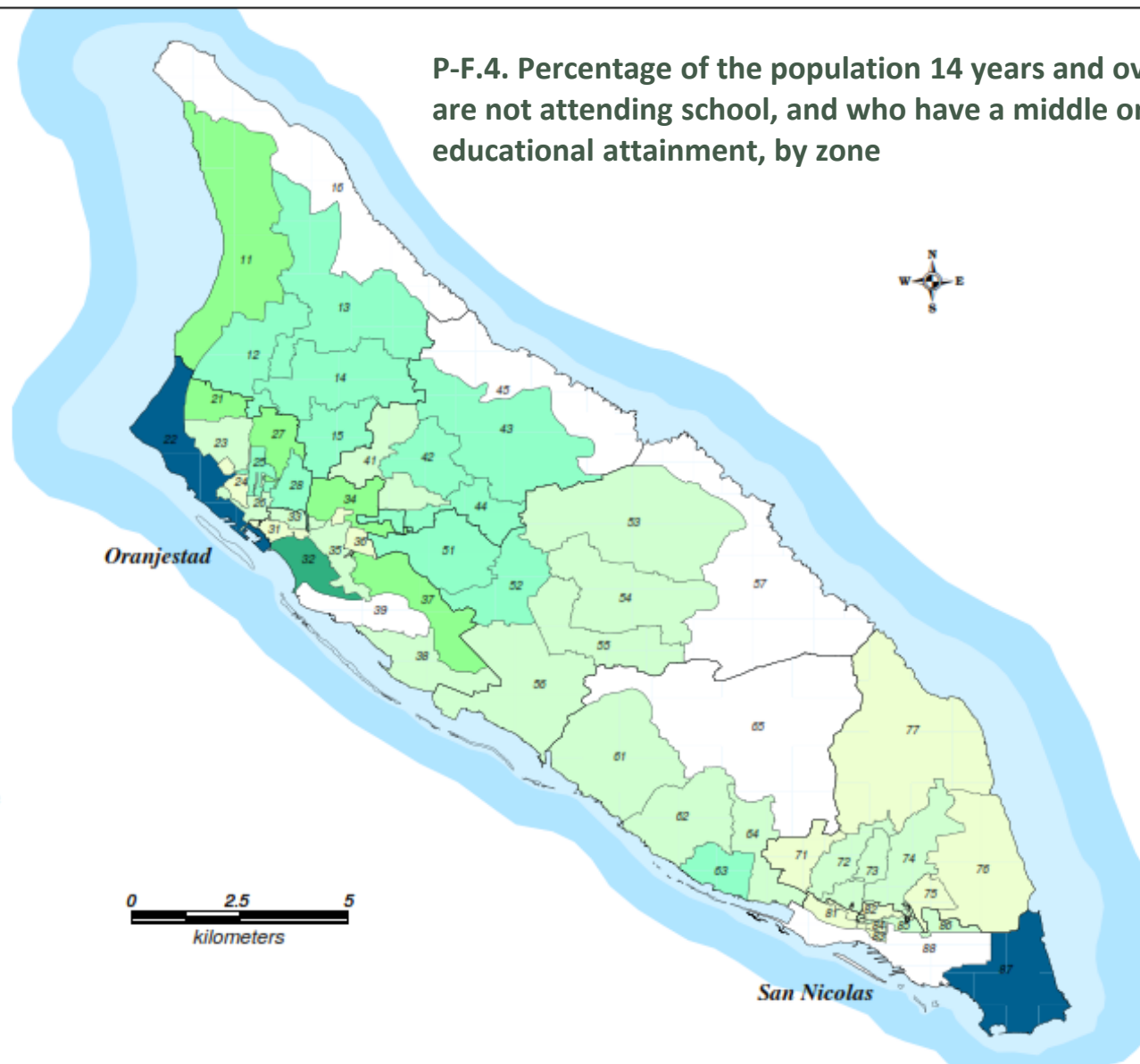
	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>	%	%	<u>Region 5: Santa Cruz</u>	%	%
11 Palm Beach/Malmok	5.6	3.2	51 Hooiberg	6.0	4.6
12 Washington	6.9	4.1	52 Papilon	7.7	4.5
13 Alto Vista	6.0	4.3	53 Cashero	8.6	9.5
14 Moko\Tanki Flip	9.4	3.9	54 Urataca	8.4	6.3
15 Tanki Leendert	7.3	4.9	55 Macuarima	9.3	7.7
16 Noord other	-	-	56 Balashi/Barcadera	7.0	5.6
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	6.2	3.1	61 Pos Chiquito	6.1	4.9
22 Eagle/Paardebaai	9.0	5.5	62 Jara/Seroe Alejandro	6.4	5.2
23 Madiki Kavel	7.8	6.2	63 De Bruynewijk	7.4	3.9
24 Madiki/Rancho	12.9	8.7	64 Cura Cabai	7.8	6.2
25 Paradijswijk/Sta.Helena	6.6	3.7	65 Savaneta	-	-
26 Socotoro/Rancho	12.4	10.2	<u>Region 7: San Nicolas-North</u>		
27 Ponton	7.6	3.8	71 Brasil	6.4	6.6
28 Companashi/Solito	11.3	7.6	72 Rooi Congo	7.0	7.4
<u>Region 3: Oranjestad-East</u>			73 Watapana Gezaag	7.8	6.4
31 Nassaustraat	17.1	14.3	74 Standardville/Rooi Hundo	10.3	7.4
32 Klip/Mon Plaisir	8.2	6.8	75 Kustbatterij	7.6	8.1
33 Sividivi	9.0	11.9	76 Juana Morto	7.8	9.1
34 Seroe Blanco/Cumana	6.5	3.9	77 San Nicolas-North other	21.4	10.0
35 Dakota/Potrero	10.9	9.0	<u>Region 8: San Nicolas-South</u>		
36 Tarabana	6.8	7.6	81 Zeewijk	10.0	11.6
37 Sabana Blanco/Mahuma	3.6	2.7	82 Pastoor Hendrikstraat	10.2	9.4
38 Simeon Antonio	6.8	5.4	83 vd Veen Zeppenfeldstraat	18.6	24.6
39 Oranjestad-East other	-	-	84 Village	19.7	14.2
<u>Region 4: Paradera</u>			85 Essoville	10.4	7.3
41 Shiribana	8.8	5.2	86 Lago/Esso Heights	6.6	7.4
42 Paradera	6.6	4.0	87 Seroe Colorado	3.3	-
43 Ayo	7.1	5.3	88 San Nicolas-South other	-	-
44 Piedra Plat	7.3	5.4			
45 Paradera other	-	-			

**P-F.4. Percentage of the population 14 years and over, who are not attending school, and who have a middle or high educational attainment, by zone**

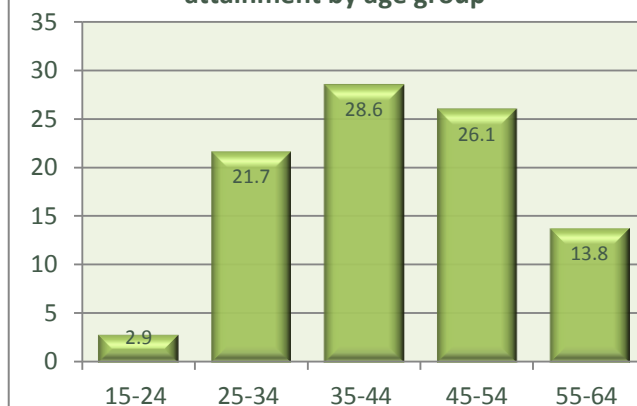
By Zone



0 2.5 5  
kilometers



**Percentage of the population with a middle or high level of educational attainment by age group**



**Top 10 zones with highest percentage of persons with a middle or high level of educational attainment**

Region	2010	2000
Seroe Colorado	41.0	36.8
Eagle/Paardebaai	31.2	22.2
Klip/Mon Plaisir	25.1	19.1
Pos Abao/Cunucu Abao	24.1	14.6
Palm Beach/Malmok	22.4	14.2
Seroe Blanco/Cumana	22.4	17.3
Ponton	21.4	17.3
Sabana Blanco/Mahuma	21.4	13.6
Washington	19.9	14.0
Alto Vista	19.8	13.7

#### P-F.4. Percentage of population not attending school, 14 years of age and over, who have a middle or high educational attainment (ISCED, 5, 6)

For coding the educational attainment of a person, the Central Bureau of Statistics uses the UNESCO's 'International Standard Classification of Education' (ISCED). Every person that finishes an education at the level of ISCED 5 or 6, is considered to have a middle or high level of education (MTO, MAO, MHNO, and higher).

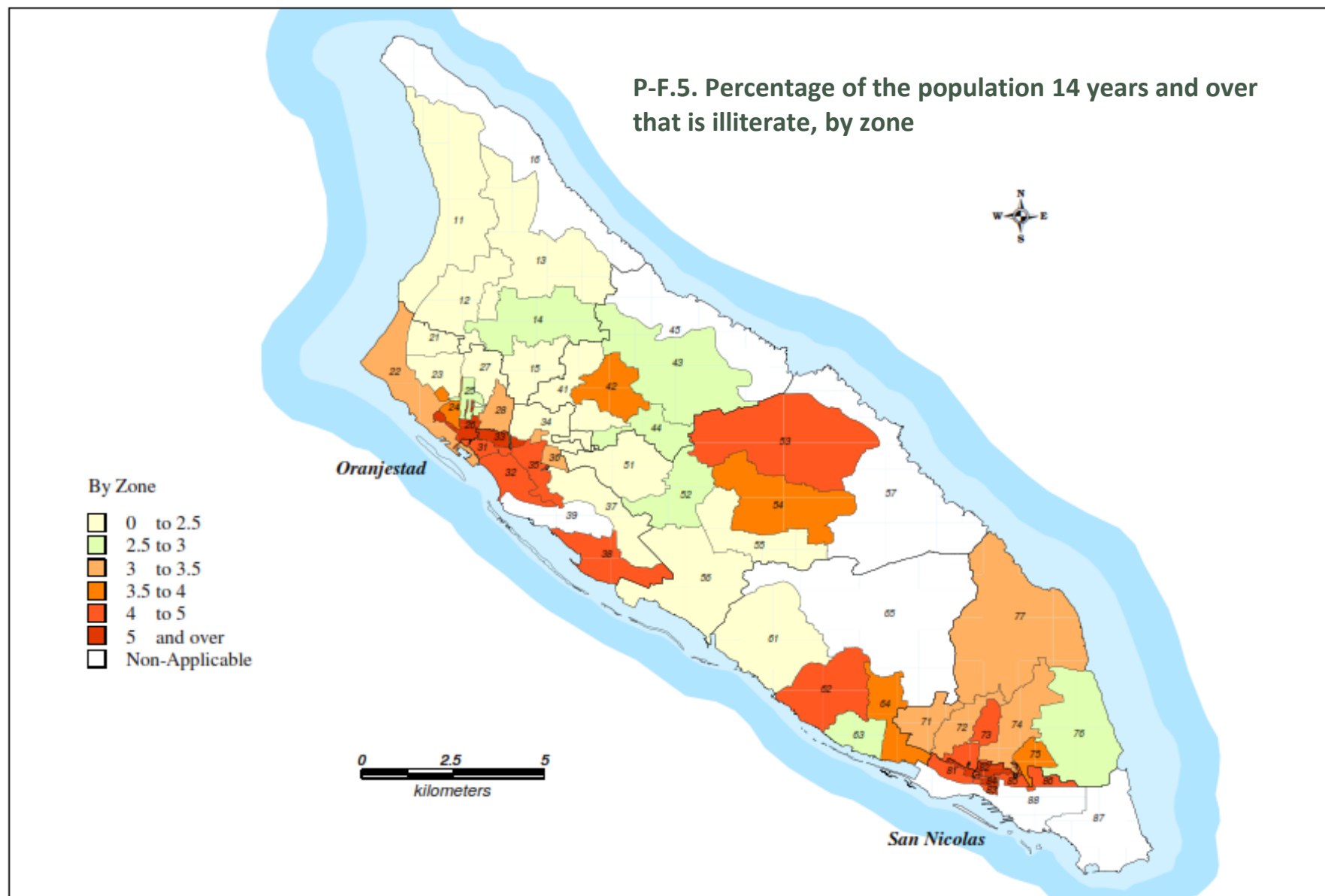
Map P-F.4 shows the distribution of the population 14 years of age and over, who have a middle or high educational attainment and who are no longer in school.

We used the following formula:

$$\frac{(\text{Number of persons 14 years and over, not attending school, who have an education at ISCED category 5,6, in a particular zone})}{(\text{Total number of persons 14 years and over, not attending school, in a particular zone})} * 100$$

Overall, the table shows an increase in most regions in the percentage of persons 14 years and older, with a middle or high level of education. In Oranjestad the percentage of persons with a middle or high level of education is higher than in other regions. 'Village' is still the zone with the lowest percentage of persons with a middle or high educational attainment on the island, with 3%. For the whole island the percentage of the population with a middle or high level of educational attainment amounts to 15.5%.

	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>			<u>Region 5: Santa Cruz</u>		
	%	%		%	%
11 Palm Beach/Malmok	14.2	22.4	51 Hooiberg	11.9	16.6
12 Washington	14.0	19.9	52 Pabilon	11.6	16.8
13 Alto Vista	13.7	19.8	53 Cashero	9.0	12.6
14 Moko\Tanki Flip	15.0	18.1	54 Urataca	7.2	14.8
15 Tanki Leendert	11.9	16.4	55 Macuarima	8.8	11.7
16 Noord other	-	-	56 Balashi/Barcadera	9.0	13.2
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	14.6	24.1	61 Pos Chiquito	10.7	13.2
22 Eagle/Paardebaai	22.2	31.2	62 Jara/Seroe Alejandro	8.7	12.7
23 Madiki Kavel	7.4	11.2	63 De Bruynewijk	14.6	18.7
24 Madiki/Rancho	7.4	8.4	64 Cura Cabai	9.5	11.8
25 Paradijswijk/Sta.Helena	12.4	16.7	65 Savaneta	-	-
26 Socotoro/Rancho	7.0	11.2			
27 Ponton	17.3	21.4	<u>Region 7: San Nicolas-North</u>		
28 Companashi/Solito	14.1	17.8	71 Brasil	4.9	8.3
			72 Rooi Congo	8.3	13.3
<u>Region 3: Oranjestad-East</u>			73 Watapana Gezaag	7.8	11.4
31 Nassaustraat	8.0	7.6	74 Standardville/Rooi Hundo	4.8	10.4
32 Klip/Mon Plaisir	19.1	25.1	75 Kustbatterij	5.5	9.9
33 Sividivi	9.3	13.5	76 Juana Morto	4.9	7.8
34 Seroe Blanco/Cumana	17.3	22.4	77 San Nicolas-North other	-	5.0
35 Dakota/Potrero	8.5	11.3			
36 Tarabana	6.4	8.6	<u>Region 8: San Nicolas-South</u>		
37 Sabana Blanco/Mahuma	13.6	21.4	81 Zeewijk	4.2	6.7
38 Simeon Antonio	7.6	14.3	82 Pastoor Hendrikstraat	6.8	9.7
39 Oranjestad-East other	-	-	83 vd Veen Zeppenfeldstraat	5.2	6.7
			84 Village	1.5	3.0
<u>Region 4: Paradera</u>			85 Essoville	5.6	10.9
41 Shiribana	12.5	14.0	86 Lago/Esso Heights	10.0	13.2
42 Paradera	11.9	17.8	87 Seroe Colorado	36.8	41.0
43 Ayo	11.5	17.2	88 San Nicolas-South other	8.3	-
44 Piedra Plat	10.4	16.6			
45 Paradera other	-	-			



Countries with the highest/lowest literacy rate			
Highest literacy rate	%	Lowest literacy rate	%
Georgia	100.0	Sierra Leone	40.9
Cuba	99.9	Guinea	39.5
Estonia	99.8	Afghanistan	37.8
Latvia	99.8	Somalia	35.9
Barbados	99.7	Chad	33.6
Slovenia	99.7	Burkina Faso	28.7
Belarus	99.7	Niger	28.7
Lithuania	99.7	Ethiopia	28.0
Ukraine	99.7	South Sudan	27.0
Armenia	99.7	Mali	26.2

Source: United Nations Development Report, 2011

## P-F.5. Percentage of the population 14 years and over that is illiterate

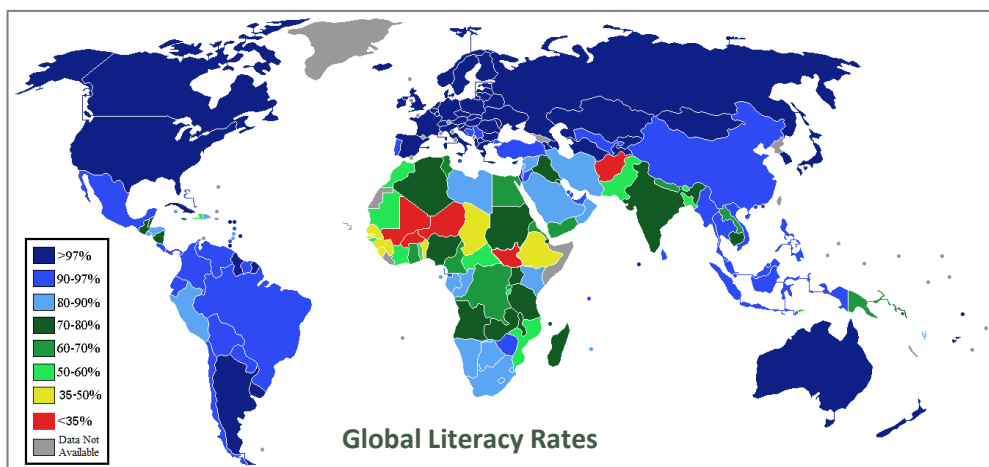
An illiterate person is one who cannot, with understanding, both read and write a short simple statement'. We have restricted our analysis to persons within age-range 14 to 75 years, because usually after the age of 75 many persons have problems reading and or writing due to some age-related illness or health condition. Illiteracy in Aruba is at a relatively low percentage (2.3%), according to the 2010 Census.

We used the following formula:

$$\frac{(\text{Number of persons 14 years and over who are illiterate, in a particular zone})}{(\text{Total number of persons 14 years and over in a particular zone})} * 100$$

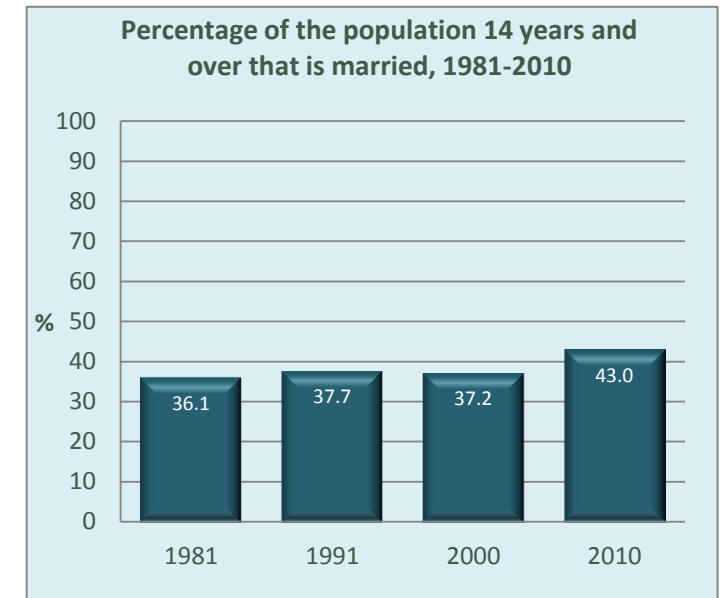
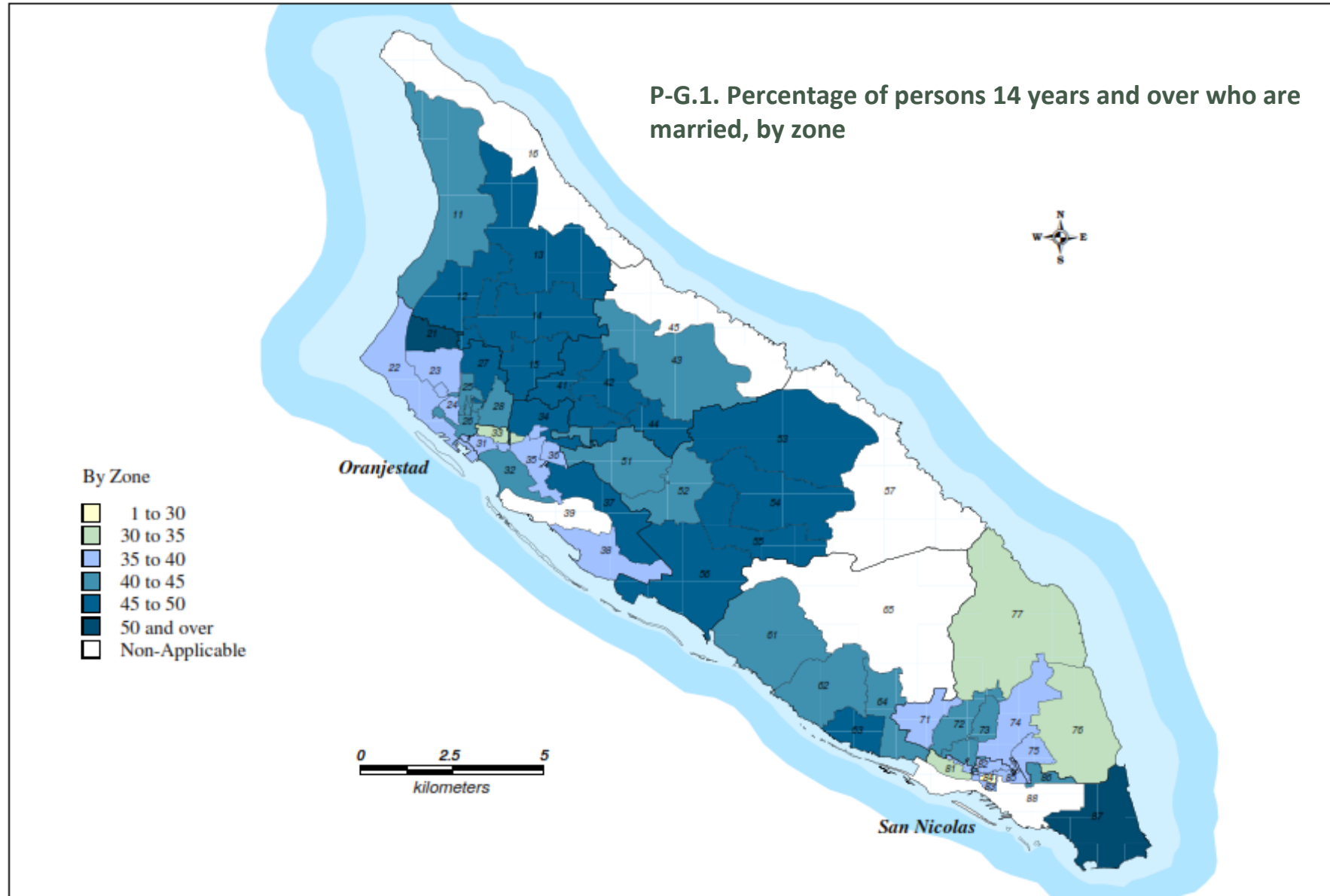
The zone with the highest percentage of illiteracy is 'Sivdivi', although the percentage dropped from 11.5% in 2000 to 7.7% in 2010. As we have seen before, this is also the zone with the highest percentage of elderly persons. As was the case in 2000, 'Village' also shows a higher rate of illiterate persons and even shows a slight increase of 0.3%.

In an international perspective, The Netherlands, USA, Belgium and Japan all indicated having a 1% illiteracy rate. The country with the highest illiteracy rate in the world is Mali (73.8%), situated in West Africa, followed by South Sudan (73%) and Etiopia (72%).



	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>			<u>Region 5: Santa Cruz</u>		
	%	%		%	%
11 Palm Beach/Malmok	1.8	1.4	51 Hooiberg	2.2	1.6
12 Washington	2.1	2.1	52 Pabilon	2.8	2.2
13 Alto Vista	2.2	1.6	53 Cashero	3.2	3.9
14 Moko\Tanki Flip	1.8	2.0	54 Urataca	4.1	2.8
15 Tanki Leendert	1.2	1.3	55 Macuarima	4.3	1.7
16 Noord other	-	-	56 Balashi/Barcadera	2.5	1.1
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	3.0	1.1	61 Pos Chiquito	2.0	1.7
22 Eagle/Paardebaai	3.4	3.5	62 Jara/Seroe Alejandro	2.5	2.7
23 Madiki Kavel	3.0	2.3	63 De Bruynewijk	6.3	2.0
24 Madiki/Rancho	2.5	3.5	64 Cura Cabai	2.9	3.1
25 Paradijswijk/Sta.Helena	2.1	2.1	65 Savaneta	-	-
26 Socotoro/Rancho	3.9	3.5			
27 Ponton	1.7	1.1	<u>Region 7: San Nicolas-North</u>		
28 Companashi/Solito	1.8	1.9	71 Brasil	1.5	2.7
			72 Rooi Congo	2.1	2.5
<u>Region 3: Oranjestad-East</u>			73 Watapana Gezaag	2.2	2.4
31 Nassaustra	4.4	4.2	74 Standardville/Rooi Hundo	4.5	2.5
32 Klip/Mon Plaisir	1.9	2.0	75 Kustbatterij	2.6	2.2
33 Sivdivi	11.5	7.7	76 Juana Morto	2.6	2.4
34 Seroe Blanco/Cumana	2.1	1.3	77 San Nicolas-North other	-	3.2
35 Dakota/Potrero	3.0	3.1			
36 Tarabana	2.3	3.1	<u>Region 8: San Nicolas-South</u>		
37 Sabana Blanco/Mahuma	1.8	1.7	81 Zeewijk	3.2	3.3
38 Simeon Antonio	2.1	3.9	82 Pastoor Hendrikstraat	7.3	3.8
39 Oranjestad-East other	-	-	83 vd Veen Zeppenfeldstraat	4.1	3.2
			84 Village	6.8	7.1
<u>Region 4: Paradera</u>			85 Essoville	2.5	2.8
41 Shiribana	2.3	1.5	86 Lago/Esso Heights	2.3	3.3
42 Paradera	2.0	2.3	87 Seroe Colorado	1.0	-
43 Ayo	1.9	2.2	88 San Nicolas-South other	-	-
44 Piedra Plat	2.3	1.6			
45 Paradera other	-	-			

Source of the world map: United Nations Development Report, 2011



### P-G.1. Percentages of persons, 14 years and older, who are married

The legal status of a person can be subdivided into 5 categories:

- Never married
- Married
- Divorced
- legally separated
- Widowed

Map P-G.1. shows the regional distribution of the population 14 years and older who are married according to data collected during the 2010 Census.

We used the following formula:

$$\frac{\text{(Number of persons 14 years and older who are married, in a particular zone)}}{\text{(Total number of persons in a particular zone)}} * 100$$

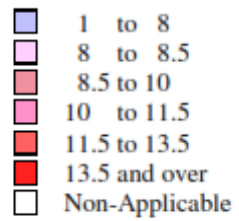
The region with the highest percentage of married persons in Oranjestad is 'Pos Abao/Cunucu Abao' with 50.9% and the lowest percentage is found in 'Sivdivi' with 34.7%. The area of San Nicolas shows the lowest percentage overall with the exception of Seroe 'Colorado' where 52.6% of persons 14 years and older are married. 'Village' shows a dramatic decrease in the percentage of married persons. While in 2000 this area registered 38.7% of the population 14 years and older as being married, the numbers dropped to 19% in 2010, which is also the lowest percentage of married persons for Aruba as a whole.

2000			2010		
Region 1: Noord/ Tanki Leendert			Region 5: Santa Cruz		
	%			%	
11 Palm Beach/Malmok	46.0	43.7	51 Hooiberg	50.2	44.5
12 Washington	51.9	45.1	52 Papilon	50.2	44.1
13 Alto Vista	47.9	45.4	53 Cashero	49.9	45.3
14 Moko\Tanki Flip	49.7	48.8	54 Urataca	49.0	47.3
15 Tanki Leendert	51.0	45.7	55 Macuarima	51.3	45.1
16 Noord other	100.0	-	56 Balashi/Barcadera	50.3	46.0
			57 Santa Cruz other	-	-
Region 2: Oranjestad-West			Region 6: Savaneta		
21 Pos Abao/Cunucu Abao	54.1	50.9	61 Pos Chiquito	48.8	43.5
22 Eagle/Paardebaai	38.6	36.4	62 Jara/Seroe Alejandro	50.8	43.4
23 Madiki Kavel	43.5	36.2	63 De Bruynewijk	49.9	47.6
24 Madiki/Rancho	42.3	37.2	64 Cura Cabai	50.0	43.8
25 Paradijswijk/Sta.Helena	45.0	42.1	65 Savaneta	-	-
26 Socotoro/Rancho	40.6	40.3			
27 Ponton	49.9	45.2	Region 7: San Nicolas-North		
28 Companashi/Solito	45.6	44.6	71 Brasil	43.5	37.3
			72 Rooi Congo	47.8	40.3
Region 3: Oranjestad-East			73 Watapana Gezaag	45.4	41.7
31 Nassastraat	39.0	37.1	74 Standardville/Rooi Hundo	42.6	36.9
32 Klip/Mon Plaisir	43.9	40.3	75 Kustbatterij	40.4	36.9
33 Sivdivi	41.8	34.7	76 Juana Morto	39.5	33.2
34 Seroe Blanco/Cumana	50.9	45.6	77 San Nicolas-North other	-	32.3
35 Dakota/Potrero	41.6	38.4			
36 Tarabana	42.2	38.4	Region 8: San Nicolas-South		
37 Sabana Blanco/Mahuma	51.4	47.0	81 Zeewijk	41.2	32.2
38 Simeon Antonio	44.9	38.6	82 Pastoor Hendrikstraat	41.1	37.2
39 Oranjestad-East other	-	-	83 vd Veen Zeppenfeldstraat	38.7	36.4
			84 Village	34.2	19.0
Region 4: Paradera			85 Essoville	41.9	36.0
41 Shiribana	50.1	45.4	86 Lago/Esso Heights	40.8	40.6
42 Paradera	51.1	49.2	87 Seroe Colorado	65.3	52.6
43 Ayo	51.0	44.9	88 San Nicolas-South other	-	-
44 Piedra Plat	53.5	47.6			
45 Paradera other	-	-			

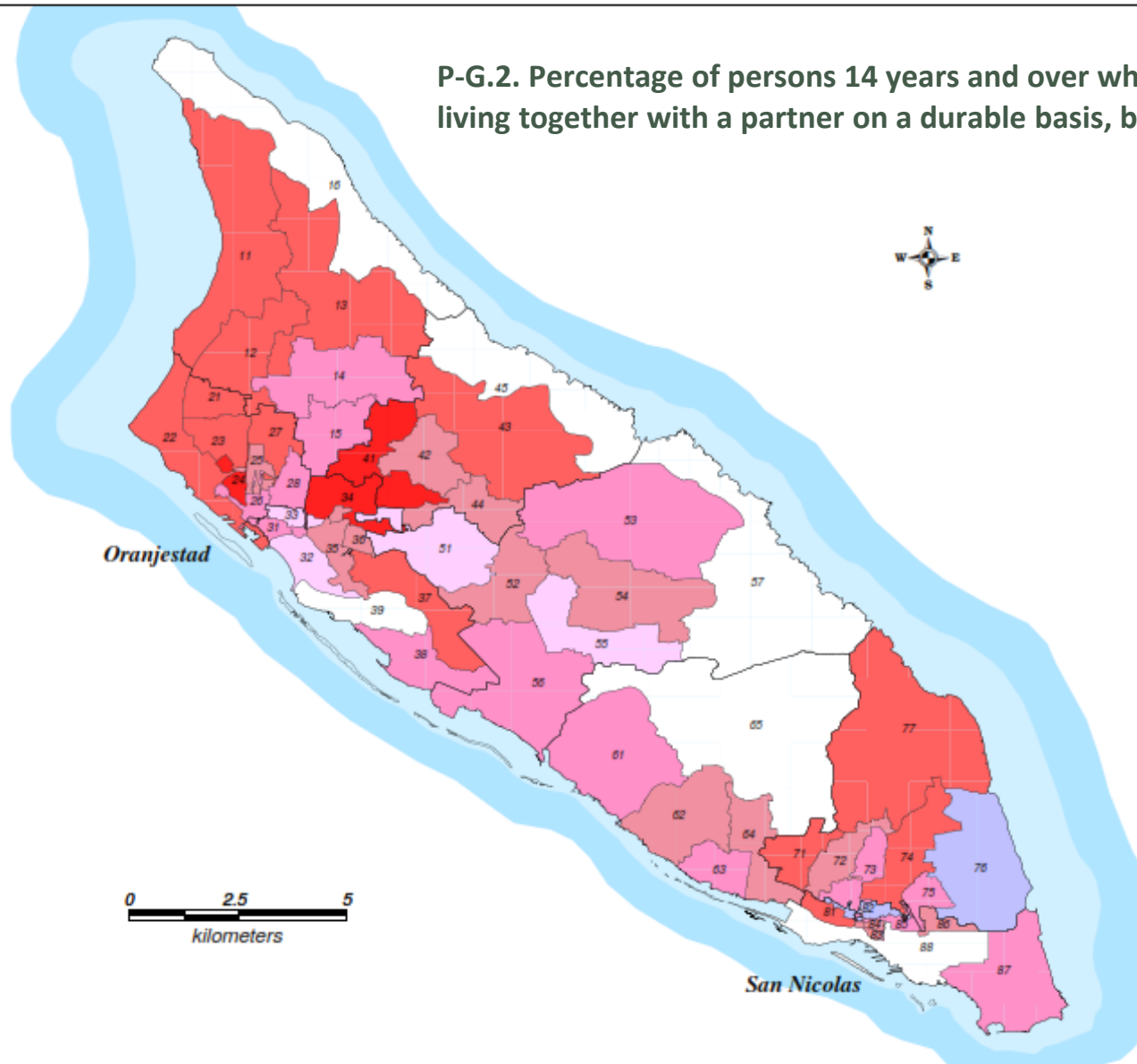


**P-G.2. Percentage of persons 14 years and over who are living together with a partner on a durable basis, by zone**

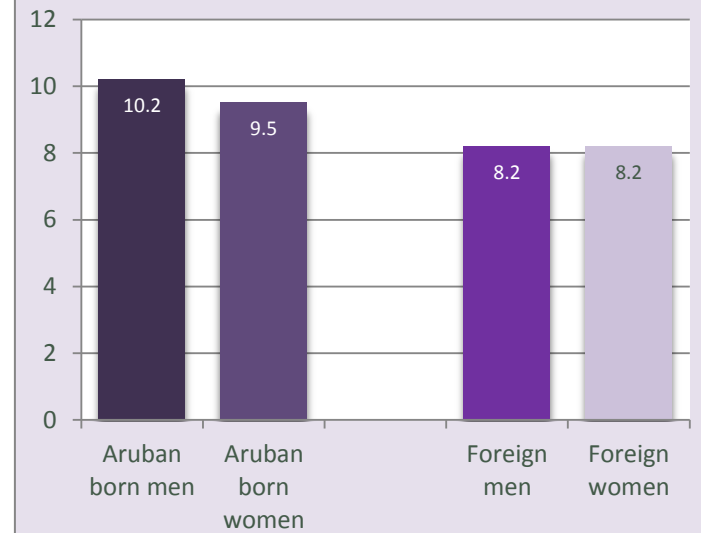
By Zone



0 2.5 5  
kilometers



**Percentage of the population living together by sex and place of birth**



## P-G.2. Percentage of persons 14 years of age and over living together with a partner on a durable basis

Persons who live together on a durable basis are those who are not married to each other, but live together in a consensual union. The marital status of the partners, or the fact that they have or don't have children together, is not important. In the 2010 Population Census, a question was asked whether the respondent was currently living together with a partner on a durable basis. A second question was whether the respondent was married to this person. Compared to the 1991 Census and the 2000 Census, where respectively, 12.9 percent and 9.2 percent of persons reported living together with a partner on a durable basis, in 2010 we see a slight increase in the percentage of persons living together in consensual unions (10.9%).

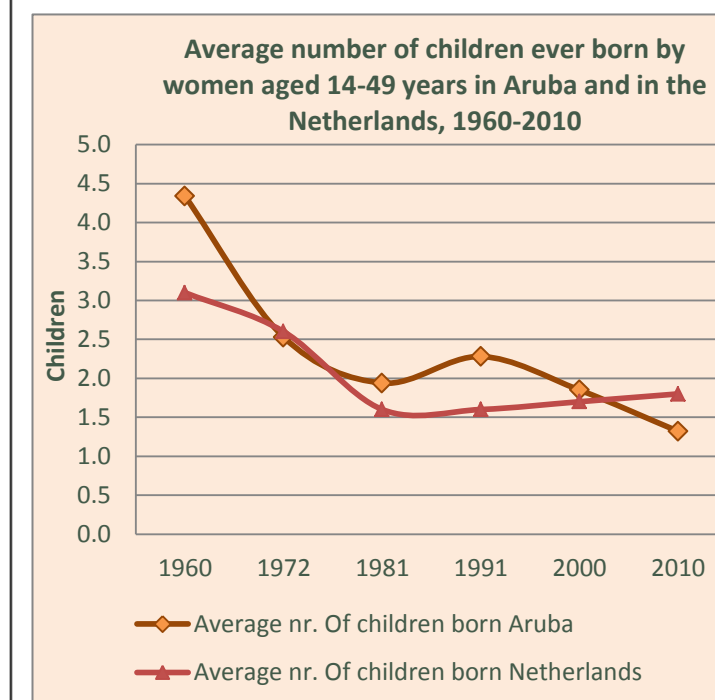
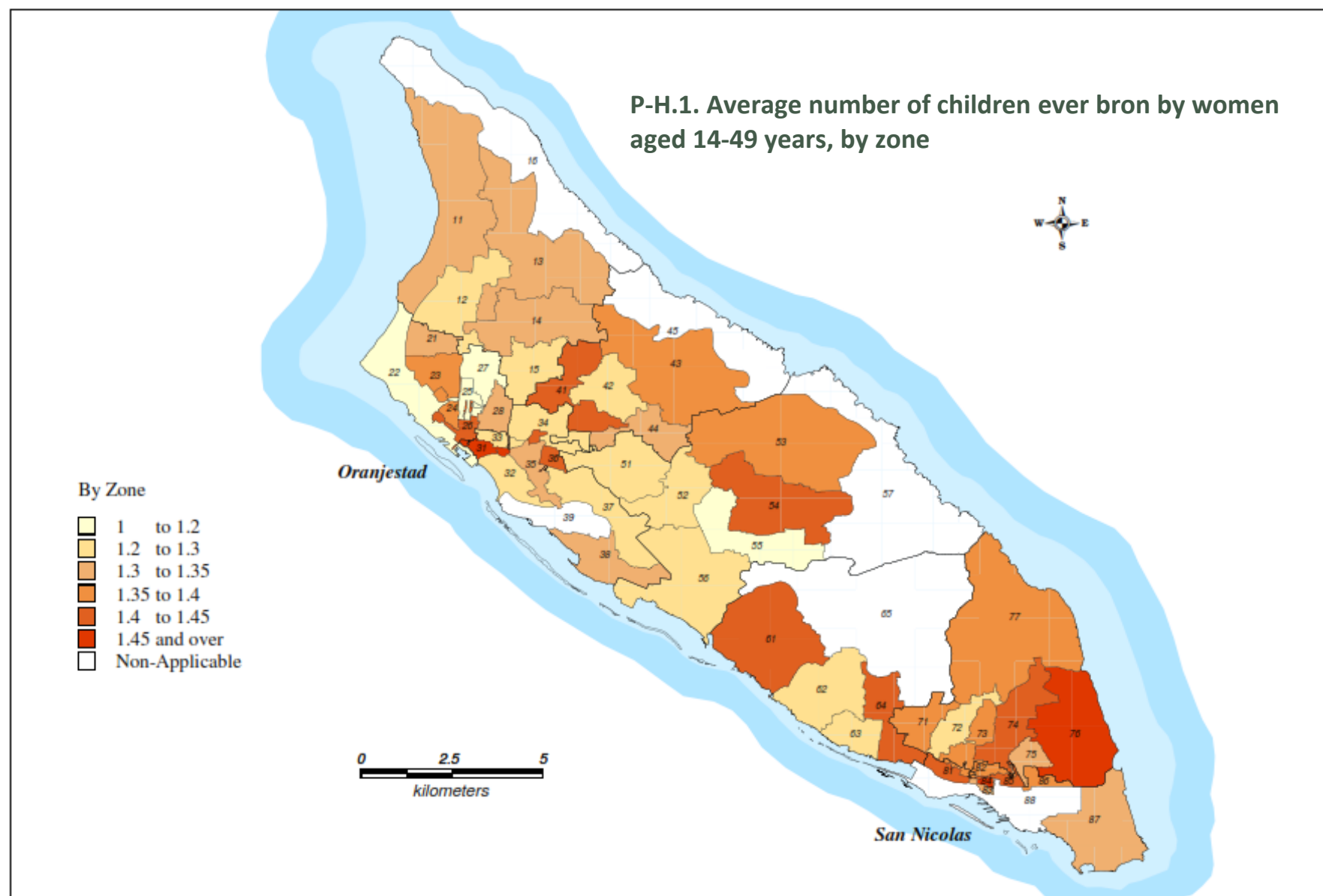
The table clearly shows that the percentage of people who are living together on a durable basis grew in almost every zone, relative to the year 2000, 'Madiki/Rancho' showing the highest numbers, followed by 'Ponton' and 'Shiribana'.

The following formula was used:

$$\frac{\text{(Number of persons 14 years and older, living together with a partner on a durable basis, in a particular zone)}}{\text{(Total number of persons 14 years and older, in a particular zone)}} \times 100$$

While in 2000 a higher percentage of foreign-born males and females reported living together on a durable basis when compared to Aruban-born males and females, the trend seems to have revised itself. Analysis of the 2010 Cesus data shows that 10.2% of Aruban born-men and 9.5 % of Aruban-born women indicated living together on a durable basis, the numbers being slightly lower for foreign born-men and women (8.2% each).

	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>	%	%	<u>Region 5: Santa Cruz</u>	%	%
11 Palm Beach/Malmok	10.8	12.9	51 Hooiberg	8.5	8.0
12 Washington	9.0	12.4	52 Pabilon	8.1	9.6
13 Alto Vista	11.4	12.9	53 Cashero	7.6	10.1
14 Moko\Tanki Flip	11.2	11.2	54 Urataca	8.7	8.8
15 Tanki Leendert	11.3	11.3	55 Macuarima	6.2	8.2
16 Noord other	100.0	-	56 Balashi/Barcadera	8.4	11.1
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	11.5	12.2	61 Pos Chiquito	9.5	10.5
22 Eagle/Paardebaai	8.8	12.1	62 Jara/Seroe Alejandro	6.9	9.2
23 Madiki Kavel	11.0	12.3	63 De Bruynewijk	6.9	10.2
24 Madiki/Rancho	12.1	14.7	64 Cura Cabai	7.9	8.8
25 Paradijswijk/Sta.Helena	9.5	9.6	65 Savaneta	-	-
26 Socotoro/Rancho	10.2	11.1			
27 Ponton	9.4	13.1	<u>Region 7: San Nicolas-North</u>		
28 Companashi/Solito	10.0	11.1	71 Brasil	11.3	13.1
			72 Rooi Congo	8.1	9.5
<u>Region 3: Oranjestad-East</u>			73 Watapana Gezaag	8.7	10.0
31 Nassaustraat	10.2	10.7	74 Standardville/Rooi Hundo	8.0	12.8
32 Klip/Mon Plaisir	7.9	8.3	75 Kustbatterij	9.4	10.3
33 Sividivi	6.4	8.1	76 Juana Morto	9.1	6.6
34 Seroe Blanco/Cumana	10.9	13.7	77 San Nicolas-North other	6.7	11.9
35 Dakota/Potrero	8.0	9.1			
36 Tarabana	8.0	9.4	<u>Region 8: San Nicolas-South</u>		
37 Sabana Blanco/Mahuma	9.0	12.0	81 Zeewijk	11.9	11.7
38 Simeon Antonio	7.0	11.0	82 Pastoor Hendrikstraat	9.1	6.1
39 Oranjestad-East other	-	-	83 vd Veen Zeppenfeldstraat	10.8	9.0
			84 Village	7.3	9.3
<u>Region 4: Paradera</u>			85 Essoville	11.4	11.1
41 Shiribana	11.0	13.5	86 Lago/Esso Heights	4.8	8.9
42 Paradera other	7.3	9.5	87 Seroe Colorado	-	10.2
43 Ayo	9.2	12.0	88 San Nicolas-South other	-	-
44 Piedra Plat	9.2	9.9			
45 Paradera other	-	-			



### P-H.1. Average number of children ever born by women aged 14-49 years

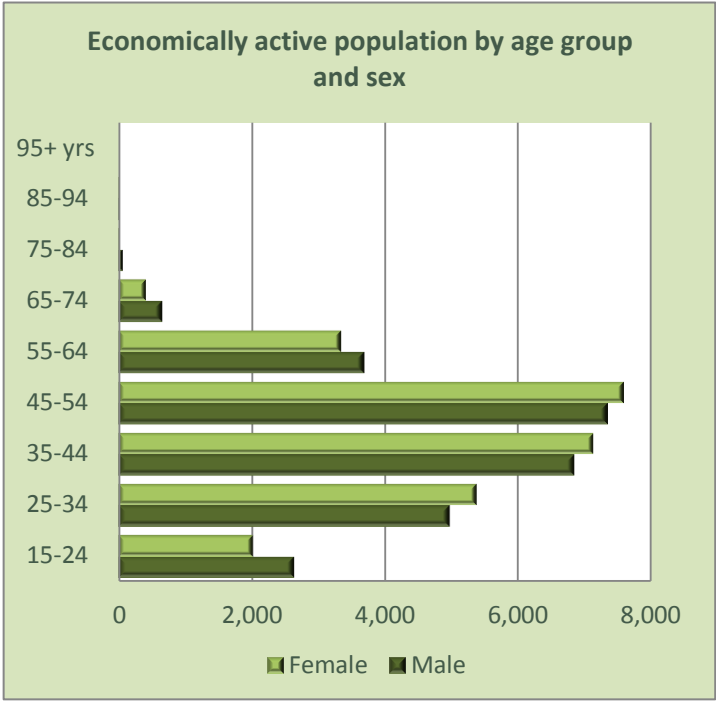
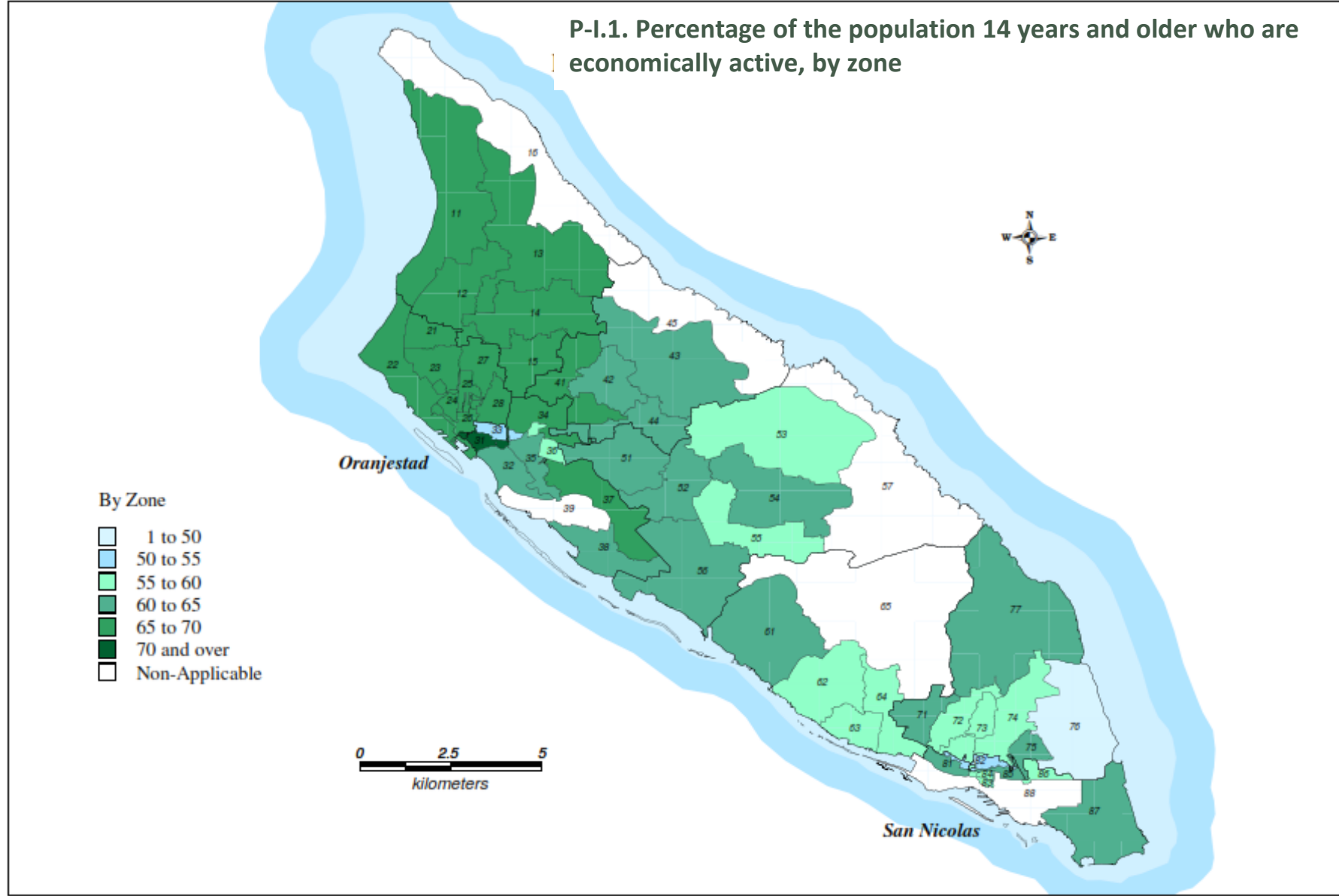
With a total fertility rate of 2.28 in 1991, we clearly see that the fertility level in Aruba is very low. The fertility transition from a level of high fertility to this low fertility took place during the sixties and early seventies. Obviously, this has an effect on the number of children ever born, as displayed on the map. Not one zone has an average number of children ever born greater than two.

For the construction of the map, we made use of the following formula:

$$\frac{\text{(Number of children ever born to women in the age group 14-49 years, in a particular zone)}}{\text{(Total number of women in age group 14-49 years, in a particular zone)}} \times 100$$

The map shows that there is no clear pattern in the distribution of the average number of children ever born. In a way, the results are also based on the fact that some zones have somewhat older or younger population of women. For instance, it is possible that the higher average number of children ever born in 'Village' is related to the fact that women living in this zone are relatively older than those in some other zones. The fact that all over the island the number of children ever born per woman is low, is an indication that no area on the island has remained behind in the fertility transition. The 2010 census Shows that the average number of children born to women in age group 14-49 years is 1.3.

	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>	<u>Abs.</u>	<u>Abs.</u>	<u>Region 5: Santa Cruz</u>	<u>Abs.</u>	<u>Abs.</u>
11 Palm Beach/Malmok	1.4	1.3	51 Hooiberg	1.4	1.3
12 Washington	1.3	1.2	52 Pabilon	1.3	1.3
13 Alto Vista	1.4	1.3	53 Cashero	1.4	1.4
14 Moko\Tanki Flip	1.3	1.3	54 Urataca	1.4	1.4
15 Tanki Leendert	1.3	1.3	55 Macuarima	1.4	1.2
16 Noord other	-	-	56 Balashi/Barcadera	1.3	1.2
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	1.3	1.3	61 Pos Chiquito	1.4	1.4
22 Eagle/Paardebai	1.2	1.1	62 Jara/Seroe Alejandro	1.2	1.3
23 Madiki Kavel	1.4	1.4	63 De Bruynewijk	1.2	1.3
24 Madiki/Rancho	1.4	1.4	64 Cura Cabai	1.5	1.4
25 Paradijswijk/Sta.Helena	1.3	1.1	65 Savaneta	-	-
26 Socotoro/Rancho	1.4	1.4			
27 Ponton	1.3	1.2	<u>Region 7: San Nicolas-North</u>		
28 Companashi/Solito	1.2	1.3	71 Brasil	1.5	1.4
<u>Region 3: Oranjestad-East</u>			72 Rooi Congo	1.3	1.3
31 Nassaustraat	1.6	1.6	73 Watapana Gezaag	1.3	1.4
32 Klip/Mon Plaisir	1.3	1.2	74 Standardville/Rooi Hundo	1.3	1.4
33 Sividivi	1.2	1.2	75 Kustbatterij	1.5	1.3
34 Seroe Blanco/Cumana	1.1	1.2	76 Juana Morto	1.6	1.5
35 Dakota/Potrero	1.4	1.3	77 San Nicolas-North other	-	1.4
36 Tarabana	1.4	1.4	<u>Region 8: San Nicolas-South</u>		
37 Sabana Blanco/Mahuma	1.3	1.2	81 Zeewijk	1.6	1.4
38 Simeon Antonio	1.4	1.3	82 Pastoor Hendrikstraat	1.3	1.4
39 Oranjestad-East other	-	-	83 vd Veen Zeppenfeldstraat	1.5	1.3
<u>Region 4: Paradera</u>			84 Village	1.6	1.9
41 Shiribana	1.3	1.4	85 Essoville	1.6	1.4
42 Paradera	1.3	1.3	86 Lago/Esso Heights	1.5	1.4
43 Ayo	1.3	1.4	87 Seroe Colorado	1.2	1.3
44 Piedra Plat	1.4	1.3	88 San Nicolas-South other	-	-
45 Paradera other	-	-			



### P-I.1. Percentage of population 14 years and over, who are economically active

The economically active population includes persons in the civilian labor force and those serving in the armed forces. The economically active work force includes the 'employed' and the 'unemployed' population. The employed population includes all persons 14 years of age and older, who were either in paid employment or self-employed during the week before the Population Census. The unemployed population consist of all persons 14 years and over who, during the week before the Census, complied with all three of the following conditions: without work, currently available for work and actively seeking work.

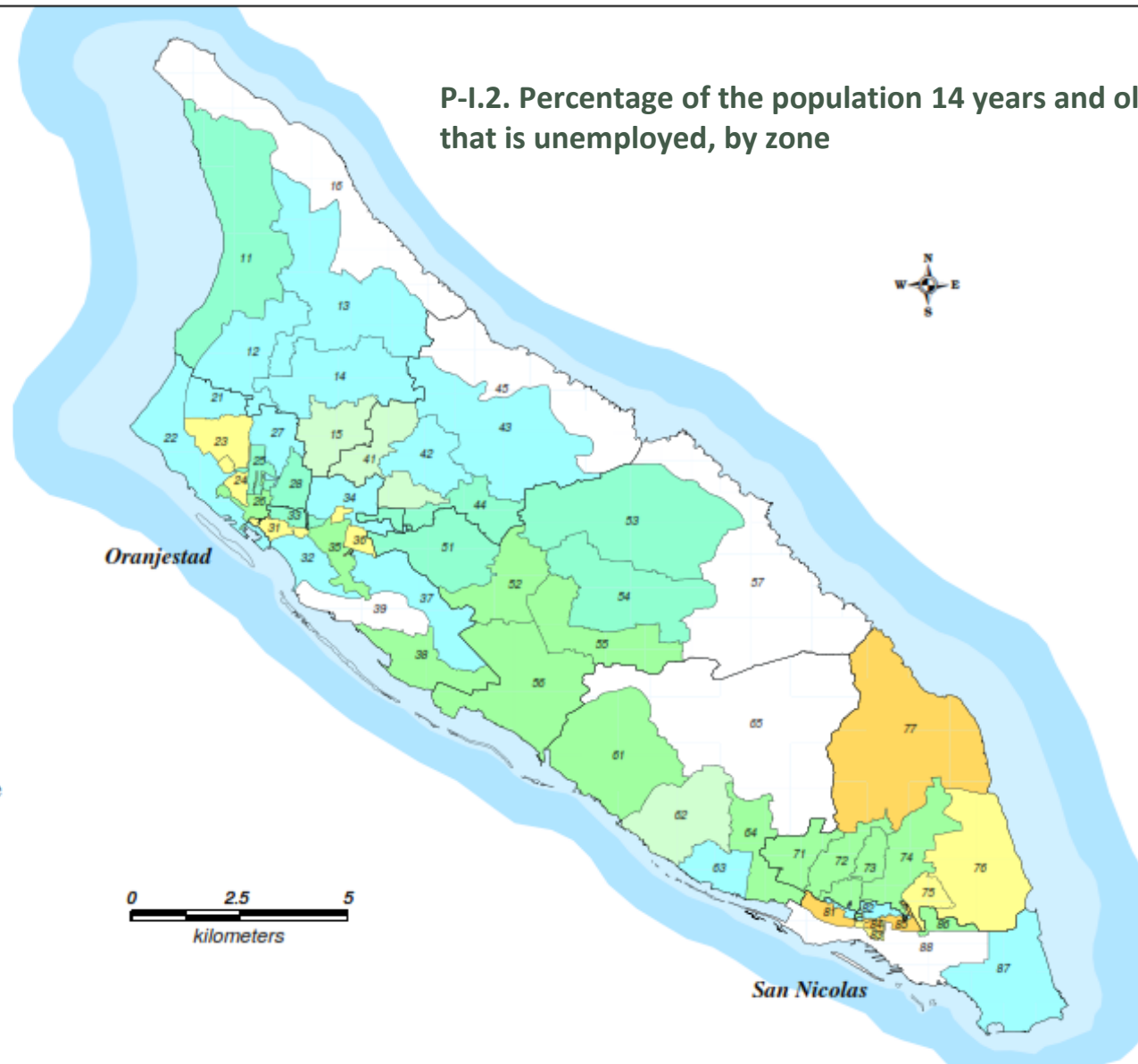
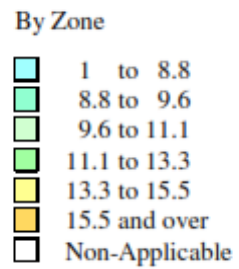
The following formula was used to plot the geographical distribution of the economically active:

$$\frac{(\text{Number of economically active persons 14 years of age and over, in a particular zone})}{(\text{Number of persons 14 years and over, in a particular zone})} * 100$$

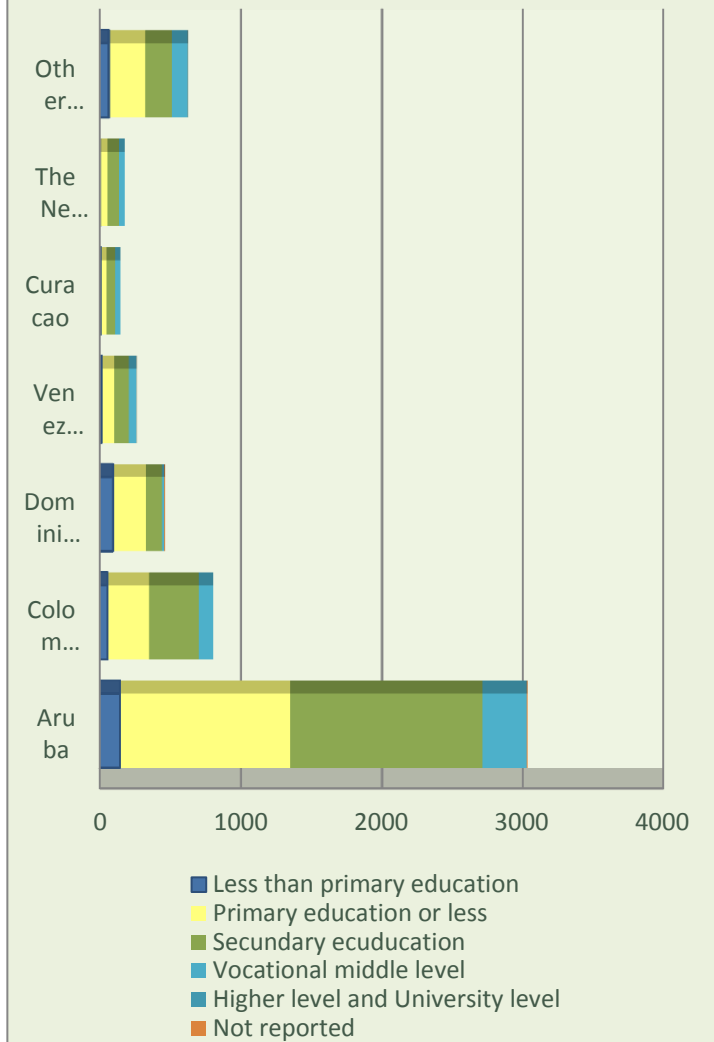
In observing the graph on page 55 it is clear that in the age group 25-54 years, there are more women in the economically active group than men. The zones with the lowest percentage of persons 14 years and over who are economically active are 'Sivdivi' and 'Pastoor Hendrikstraat'. Compared to the 2000 Census, 'Village' shows an increase in the economically active group. While in 2000 this zone registered 47.5% of their population as economically active, the 2010 Census shows that 56.5% of the population living in the 'Village' is economically active. The zone of 'Nassaustraat' shows the highest percentage overall (71.4%). The economically active population of Aruba registered at 63.6%.

	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>			<u>Region 5: Santa Cruz</u>		
11 Palm Beach/Malmok	68.1	67.9	51 Hooiberg	66.8	61.6
12 Washington	67.4	67.3	52 Papilon	63.2	63.7
13 Alto Vista	68.5	69.0	53 Cashero	59.9	59.3
14 Moko\Tanki Flip	70.7	67.0	54 Urataca	62.7	62.7
15 Tanki Leendert	69.1	66.9	55 Macuarima	60.3	59.4
16 Noord other	50	-	56 Balashi/Barcadera	64.4	60.9
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	70.1	67.5	61 Pos Chiquito	63.2	64.4
22 Eagle/Paardebaai	62.7	66.8	62 Jara/Seroe Alejandro	59.4	55.9
23 Madiki Kavel	67.0	69.9	63 De Bruynewijk	55.5	57.1
24 Madiki/Rancho	66.6	67.4	64 Cura Cabai	57.3	58.9
25 Paradijswijk/Sta.Helena	64.1	65.1	65 Savaneta	-	-
26 Socotoro/Rancho	65.2	67.7			
27 Ponton	69.7	66.2	<u>Region 7: San Nicolas-North</u>		
28 Companashi/Solito	68.6	69.6	71 Brasil	61.9	60.1
			72 Rooi Congo	61.9	58.6
<u>Region 3: Oranjestad-East</u>			73 Watapana Gezaag	59.7	57.6
31 Nassaustraat	66.3	71.4	74 Standardville/Rooi Hundo	51.7	57.9
32 Klip/Mon Plaisir	68.6	61.3	75 Kustbatterij	60.6	61.4
33 Sivdivi	57.3	52.9	76 Juana Morto	57.7	45.2
34 Seroe Blanco/Cumana	70.2	68.7	77 San Nicolas-North other	43.3	64.5
35 Dakota/Potrero	60.6	61.9			
36 Tarabana	61.0	59.9	<u>Region 8: San Nicolas-South</u>		
37 Sabana Blanco/Mahuma	67.9	68.2	81 Zeewijk	61.7	61.7
38 Simeon Antonio	62.4	61.7	82 Pastoor Hendrikstraat	54.3	53.9
39 Oranjestad-East other	-	-	83 vd Veen Zeppenfeldstraat	54.1	59.1
			84 Village	47.5	56.5
<u>Region 4: Paradera</u>			85 Essoville	60.7	61.1
41 Shiribana	65.6	66.9	86 Lago/Esso Heights	49.4	56.0
42 Paradera	63.1	62.0	87 Seroe Colorado	58.3	60.4
43 Ayo	63.8	63.4	88 San Nicolas-South other	100.0	-
44 Piedra Plat	64.8	63.8			
45 Paradera other	-	-			

**P-I.2. Percentage of the population 14 years and older that is unemployed, by zone**



**Unemployed population by country of birth and highest level of education**





## P-I.2. Percentage of the population 14 years and over that is unemployed

In the Census, the 'unemployed population' was defined as follows. The unemployed comprises all persons 14 years of age and over, who during the week before the census, complied with all three of the following conditions:

- (a) 'Without work', i.e. were not in paid employment or self-employment;
- (b) 'Currently available for work', i.e. able to start a new job within two weeks time;
- (c) 'Seeking work', i.e. had taken specific steps to seek employment or self-employment.

In the 2010 Census, a total of 5,519 persons were unemployed, of which 51% were men. At the Census moment, the unemployment rate was registered as 10.6 percent. The highest percentage of unemployed persons are amongst 15 - 24 year olds (24.3%).

We used the following definition:

**(Number of unemployed persons 14 years and over, in a particular zone)**

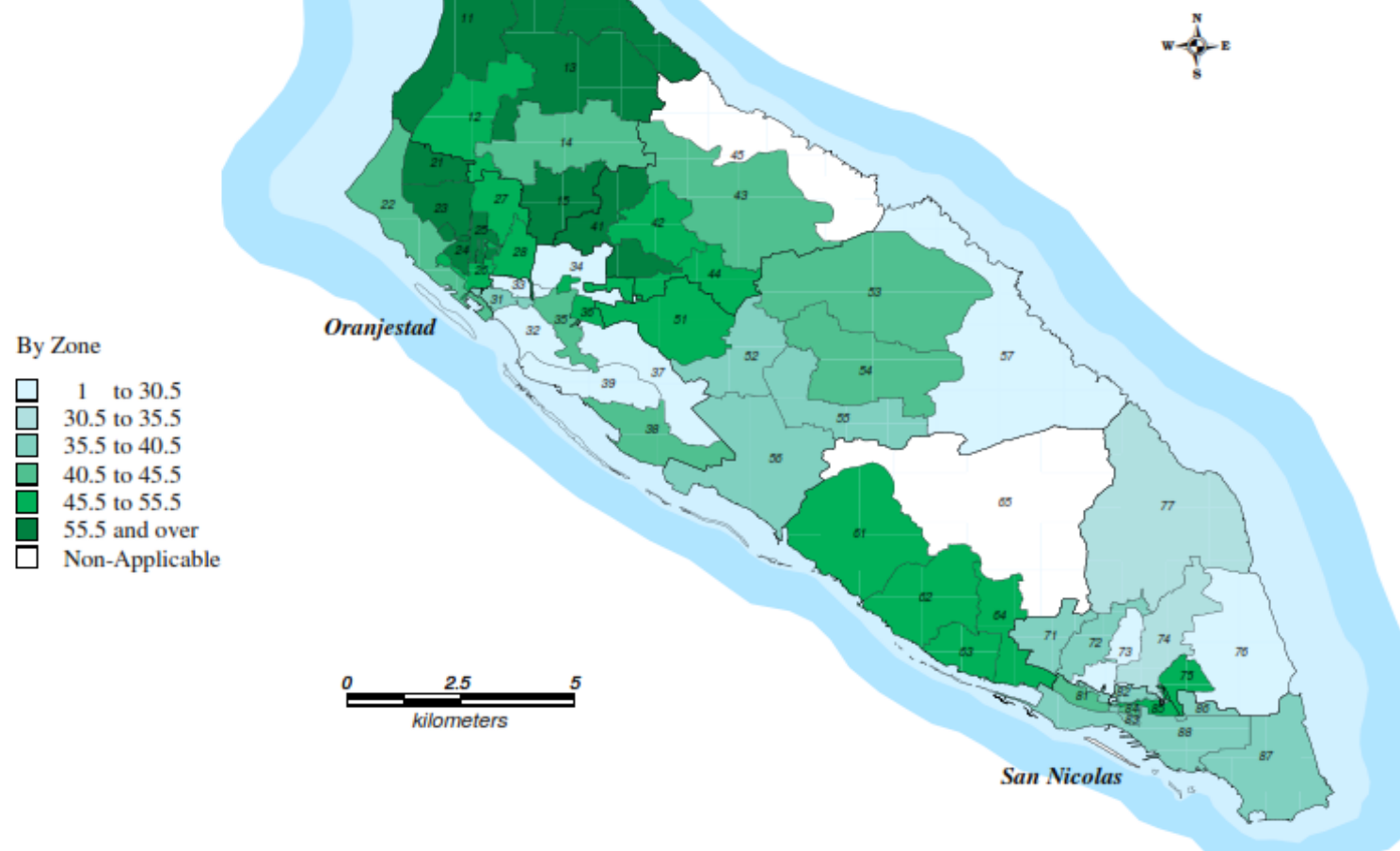
**\* 100**

**(Total number of economically active persons 14 years and over, in a particular zone)**

According to the 2010 Census, unemployment is the highest in the zone 'San Nicolas-North other', where 50% of the population 14 years and older is unemployed. Keep in mind that the number of economically active persons in this zone is very small (22 persons). 'Village' has the second highest percentage of unemployed population (31.7%), which is almost twice as much when compared to the 2000 Census. The zone with the lowest unemployment is 'Klip/Mon Plaisir' with 6.4%.

	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>	%	%	<u>Region 5: Santa Cruz</u>	%	%
11 Palm Beach/Malmok	6.6	9.5	51 Hooiberg	6.6	9.1
12 Washington	4.1	8.4	52 Papon	7.3	12.2
13 Alto Vista	7.4	7.6	53 Cashero	8.5	9.5
14 Moko\Tanki Flip	5.6	8.8	54 Urataca	7.5	9.5
15 Tanki Leendert	5.2	10.2	55 Macuarima	8.9	13.3
16 Noord other	-	-	56 Balashi/Barcadera	5.8	11.1
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	3.9	8.2	61 Pos Chiquito	7.1	11.2
22 Eagle/Paardebai	5.0	8.7	62 Jara/Seroe Alejandro	8.6	10.3
23 Madiki Kavel	7.5	15.0	63 De Bruynwijk	6.3	7.2
24 Madiki/Rancho	8.9	14.6	64 Cura Cabai	8.6	13.2
25 Paradijswijk/Sta.Helena	5.5	9.1	65 Savaneta	-	-
26 Socotoro/Rancho	6.9	13.2			
27 Ponton	4.8	8.7	<u>Region 7: San Nicolas-North</u>		
28 Companashi/Solito	5.7	8.9	71 Brasil	6.8	12.5
			72 Rooi Congo	8.2	12.9
<u>Region 3: Oranjestad-East</u>			73 Watapana Gezaag	9.5	12.4
31 Nassastraat	7.3	14.0	74 Standardville/Rooi Hundo	9.5	13.3
32 Klip/Mon Plaisir	4.8	6.4	75 Kustbatterij	9.4	14.4
33 Sividivi	6.4	9.5	76 Juana Morto	12.1	15.0
34 Seroe Blanco/Cumana	4.5	8.5	77 San Nicolas-North other	7.7	50.0
35 Dakota/Potrero	7.4	11.8			
36 Tarabana	9.6	15.3	<u>Region 8: San Nicolas-South</u>		
37 Sabana Blanco/Mahuma	4.5	8.7	81 Zeewijk	15.5	15.9
38 Simeon Antonio	5.8	12.1	82 Pastoor Hendrikstraat	11.4	8.8
39 Oranjestad-East other	-	-	83 vd Veen Zeppenfeldstraat	12.5	14.3
			84 Village	16.2	31.7
<u>Region 4: Paradera</u>			85 Essoville	10.9	15.9
41 Shiribana	6.2	10.3	86 Lago/Esso Heights	8.3	13.1
42 Paradera	5.2	7.0	87 Seroe Colorado	2.4	8.6
43 Ayo	6.6	8.5	88 San Nicolas-South other	3.6	-
44 Piedra Plat	5.2	9.6			
45 Paradera other	-	-			

P-I.3. Percentage of persons who work in a particular zone who are foreign-born



### P-I.3. Percentage of persons who work in a particular zone who are foreign-born

Map P-C.1. showed us the regional distribution of the foreign born-population living in Aruba. The present map shows the regional distribution of the foreign-born work force as a percentage of the total work force. According to the 2010 Census, 44 percent of the labor force of Aruba consists of foreign-born workers. While the largest group of foreign-born workers consists of persons born in Colombia, representing 12.7 % of the total work force, this is a significant decrease in numbers when compared to the 2000 Census, where 18.6% of the work force was born in Colombia. Other important countries of labor migration are: the Netherlands, Venezuela, the Dominican Republic and Curacao.

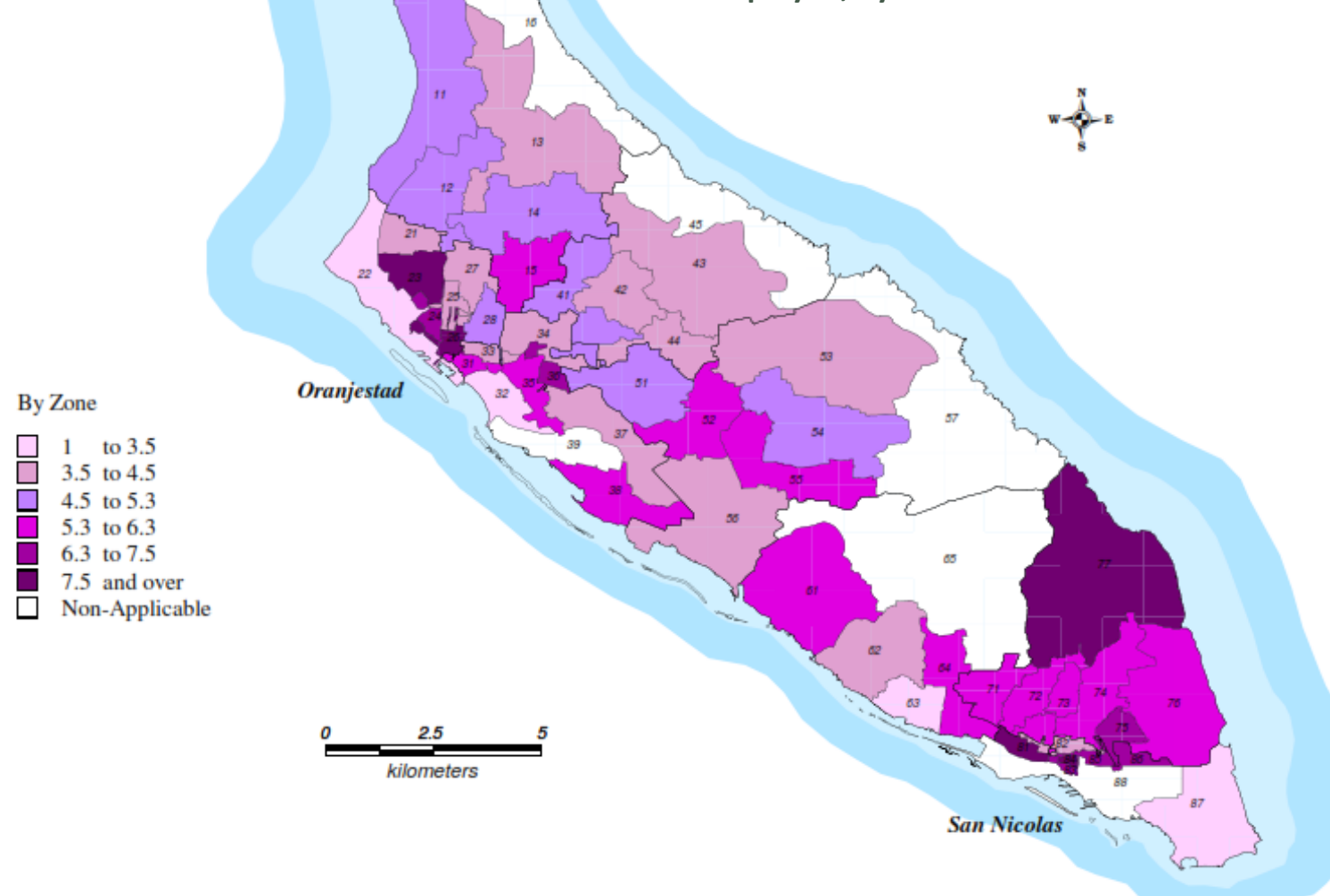
We used the following formula:

$$\frac{(\text{Number of foreign-born persons working in a particular zone})}{(\text{Total number of persons working in a particular zone})} * 100$$

The highest concentration of foreign workers can still be found in 'Oranjestad West', where in 7 out of 8 zones more than 50 percent of the laborers are foreign-born. In the central area of the island, namely the zones 'Juana Morto', 'Klip/Mon Plaisir', 'Sabana Blanco/Mahuma', 'Seroe Blanco/Cumana' and 'Sividivi' the percentage of foreign-born workers is lowest. The zone of 'Palm Beach' shows an increase in the percentage of foreign-born workers from, 50% in 2000 to 60.5% in 2010. This area is home to the hotel and restaurant industry and has also seen an increase in the number of retail stores where a relatively large number of foreign-born workers are employed.

	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>	%	%	<u>Region 5: Santa Cruz</u>	%	%
11 Palm Beach/Malmok	49.6	60.5	51 Hooiberg	52.6	47.1
12 Washington	46.8	47.9	52 Papijon	37.4	39.6
13 Alto Vista	67.1	65.6	53 Cashero	42.5	43.1
14 Moko\Tanki Flip	49.0	43.3	54 Urataca	31.1	40.8
15 Tanki Leendert	55.9	64.6	55 Macuarima	47.3	40.0
16 Noord other	53.3	72.4	56 Balashi/Barcadera	34.1	37.5
			57 Santa Cruz other	28.6	16.7
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	42.3	71.1	61 Pos Chiquito	49.8	51.8
22 Eagle/Paardebai	36.9	41.0	62 Jara/Seroe Alejandro	46.5	47.3
23 Madiki Kavel	60.3	59.5	63 De Bruynewijk	52.9	47.7
24 Madiki/Rancho	81.5	59.7	64 Cura Cabai	47.9	47.7
25 Paradijswijk/Sta.Helena	61.2	63.0	65 Savaneta	-	-
26 Socotoro/Rancho	51.8	53.7	<u>Region 7: San Nicolas-North</u>		
27 Ponton	51.6	50.7	71 Brasil	41.0	39.7
28 Companashi/Solito	49.6	52.7	72 Rooi Congo	40.6	38.9
<u>Region 3: Oranjestad-East</u>			73 Watapana Gezaag	27.2	24.2
31 Nassaustraat	33.3	40.5	74 Standardville/Rooi Hundo	52.8	32.8
32 Klip/Mon Plaisir	39.7	28.2	75 Kustbatterij	51.3	48.4
33 Sividivi	25.5	28.9	76 Juana Morto	21.0	18.4
34 Seroe Blanco/Cumana	29.2	29.9	77 San Nicolas-North other	28.6	33.3
35 Dakota/Potrero	38.1	42.2	<u>Region 8: San Nicolas-South</u>		
36 Tarabana	50.8	49.7	81 Zeewijk	45.9	45.4
37 Sabana Blanco/Mahuma	33.4	29.9	82 Pastoor Hendrikstraat	37.7	38.5
38 Simeon Antonio	38.8	43.4	83 vd Veen Zeppenfeldstraat	35.1	35.9
39 Oranjestad-East other	23.1	27.0	84 Village	27.8	44.4
<u>Region 4: Paradera</u>			85 Essoville	46.7	54.3
41 Shiribana	59.3	62.3	86 Lago/Esso Heights	44.3	36.4
42 Paradera	53.7	47.9	87 Seroe Colorado	34.7	39.2
43 Ayo	48.4	42.9	88 San Nicolas-South other	36.5	35.7
44 Piedra Plat	35.1	46.0			
45 Paradera other	16.7	-			

**P-I.4. Percentage of the female population that is unemployed, by zone**



Age category	Number of unemployed females by country of birth							Total
	Aruba	Colombia	Dominican Rep.	Venezuela	Curacao	Netherlands	Other	
14-24	378	48	29	15	10	40	38	557
25-34	304	132	54	48	12	22	75	646
35-44	201	162	69	47	12	9	97	597
45-54	290	146	45	32	8	8	86	615
55-64	99	44	41	8	9	6	31	238
65+	22	4	8	1	0	1	8	43
<b>Total</b>	<b>1,293</b>	<b>537</b>	<b>247</b>	<b>150</b>	<b>50</b>	<b>86</b>	<b>334</b>	<b>2,697</b>

## P-I.4. Percentage unemployed female population

As was shown in map P-I.2. the unemployment rate in Aruba stands at 10.6%, of which about half the amount of unemployed persons is female. The unemployed are all persons, 14 years of age and over who, during the week before the census, complied with all three of the following conditions:

- (a) 'Without work', i.e. were not in paid employment or self-employment.
- (b) 'Currently available for work', i.e. able to start a new job within two weeks time
- (c) 'Seeking work', i.e. had taken specific steps to seek employment or self-employment.

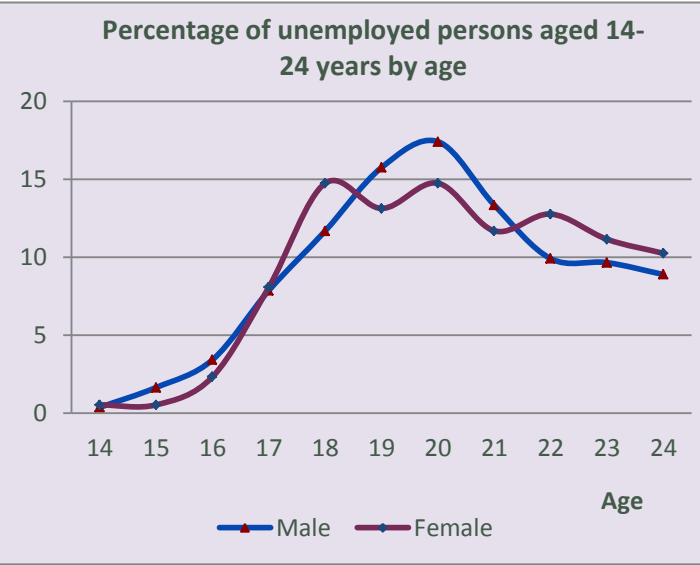
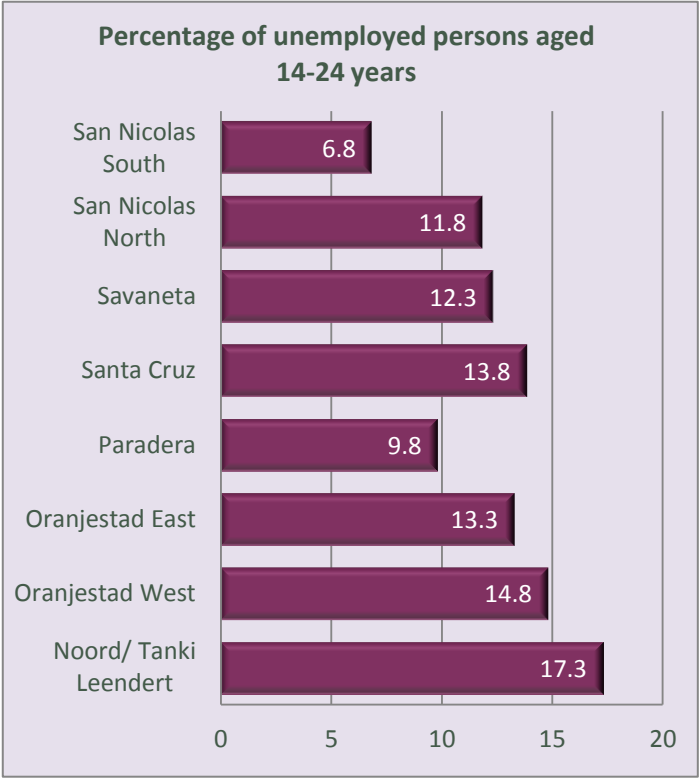
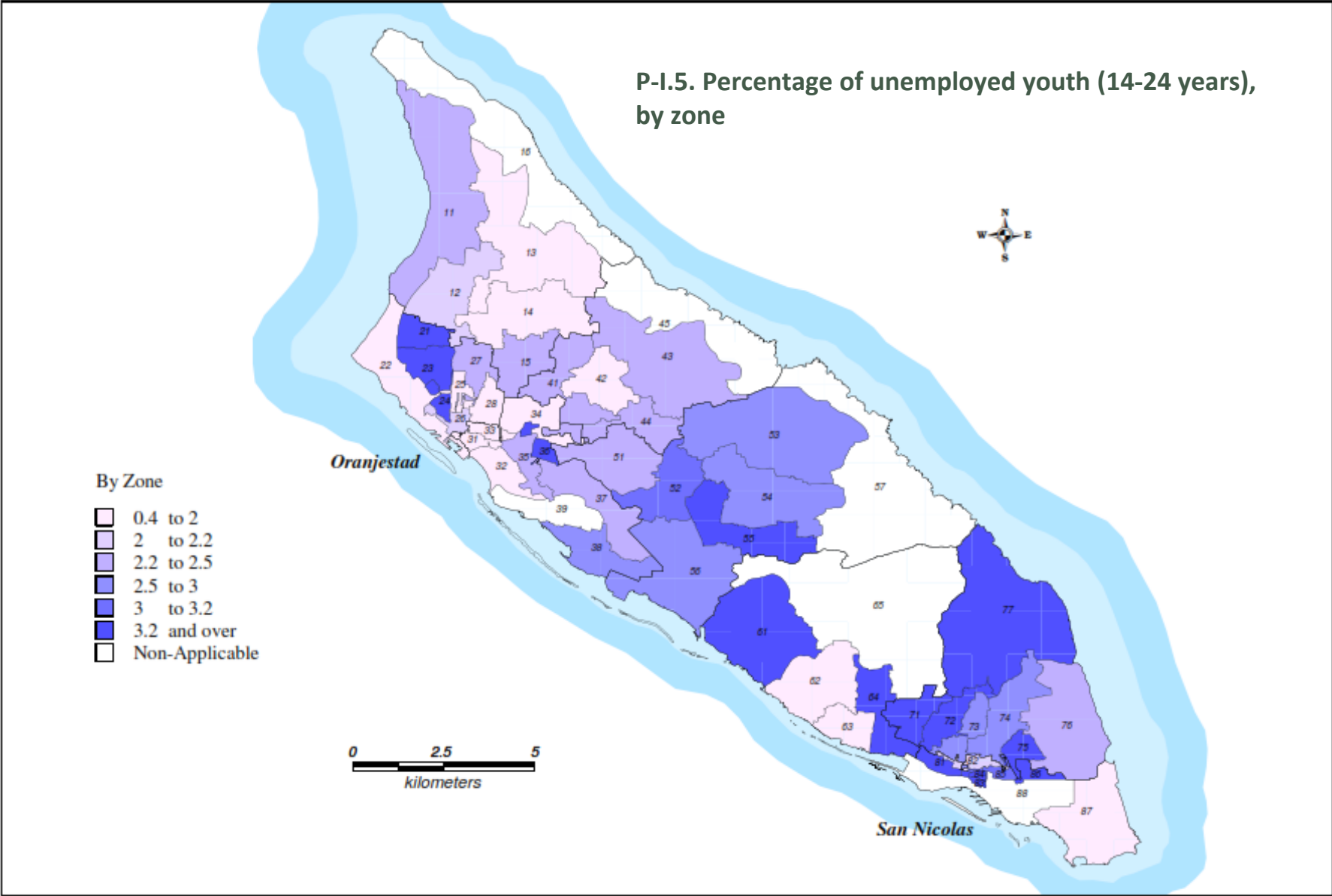
We used the following definition:

$$\frac{\text{(Number of unemployed females, in a particular zone)}}{\text{(Total number of economically active persons 14 years and over, in a particular zone)}} \times 100$$

According to the 2010 Census, unemployed females represented 5.2% of the economically active persons 14 years and older, compared to 3.5% in the year 2000.

In the 2000 Census 53.9% of the unemployed females were foreign-born. In the past 10 years these numbers changed slightly and went down to 52%, with the highest percentage of unemployed foreign-born females living in the area of 'Socotoro Rancho', 'Nassaustraat' and 'Eagle/Paardenbaai' (75% and higher). The unemployed Aruban-born females reside mainly in Oranjestad-East, Paradera, and Santa Cruz. The 'Bruynewijk' has the lowest percentage of unemployed females, while 'Village' scored the highest with 19.1%. In this area foreign-born unemployed females and unemployed Aruban-females split the numbers (50% each).

	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>	%	%	<u>Region 5: Santa Cruz</u>	%	%
11 Palm Beach/Malmok	3.3	4.7	51 Hooiberg	3.5	4.7
12 Washington	1.8	4.7	52 Papijon	3.2	6.2
13 Alto Vista	3.0	3.6	53 Cashero	4.2	4.1
14 Moko\Tanki Flip	2.3	4.5	54 Urataca	3.4	5.2
15 Tanki Leendert	2.6	5.8	55 Macuarima	4.3	5.8
16 Noord other	-	-	56 Balashi/Barcadera	3.0	4.3
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	2.2	3.6	61 Pos Chiquito	3.7	6.1
22 Eagle/Paardebaai	2.5	3.5	62 Jara/Seroe Alejandro	4.1	4.4
23 Madiki Kavel	4.0	7.7	63 De Bruynewijk	3.9	2.3
24 Madiki/Rancho	5.0	6.9	64 Cura Cabai	4.6	6.2
25 Paradijswijk/Sta.Helena	2.8	4.2	65 Savaneta	-	-
26 Socotoro/Rancho	3.9	7.5			
27 Ponton	2.4	3.9	<u>Region 7: San Nicolas-North</u>		
28 Companashi/Solito	3.1	4.5	71 Brasil	3.7	5.8
			72 Rooi Congo	4.7	5.7
<u>Region 3: Oranjestad-East</u>			73 Watapana Gezaag	3.7	5.6
31 Nassaustraat	3.6	5.5	74 Standardville/Rooi Hundo	3.6	6.2
32 Klip/Mon Plaisir	2.3	3.0	75 Kustbatterij	4.3	6.4
33 Sividivi	2.9	4.4	76 Juana Morto	5.4	5.8
34 Seroe Blanco/Cumana	3.0	4.4	77 San Nicolas-North other	-	30.0
35 Dakota/Potrero	4.1	5.9			
36 Tarabana	4.5	7.3	<u>Region 8: San Nicolas-South</u>		
37 Sabana Blanco/Mahuma	2.8	4.4	81 Zeewijk	7.7	7.8
38 Simeon Antonio	2.7	6.0	82 Pastoor Hendrikstraat	7.7	3.8
39 Oranjestad-East other	0.0	0.0	83 vd Veen Zeppenfeldstraat	8.3	6.6
			84 Village	8.1	19.1
<u>Region 4: Paradera</u>			85 Essoville	6.0	6.9
41 Shiribana	3.3	5.3	86 Lago/Esso Heights	3.6	7.1
42 Paradera	2.0	3.6	87 Seroe Colorado	0.6	3.2
43 Ayo	2.4	4.0	88 San Nicolas-South other	-	-
44 Piedra Plat	2.6	4.3			
45 Paradera other	-	-			



## P-I.5. Percentage unemployed youth

The unemployed youth are those persons who are in the age group 14 - 24 years of age, and who are without work, are looking for work and are able to start working within two weeks. The results from the 2010 Census shows that the youth has the highest unemployment rate amongst the unemployed (2.6%). In the year 2000, unemployment among this group was registered at 1.6%.

We used the following definition:

**(Number of unemployed persons between 14-24 years of age, in a particular zone)** \* 100

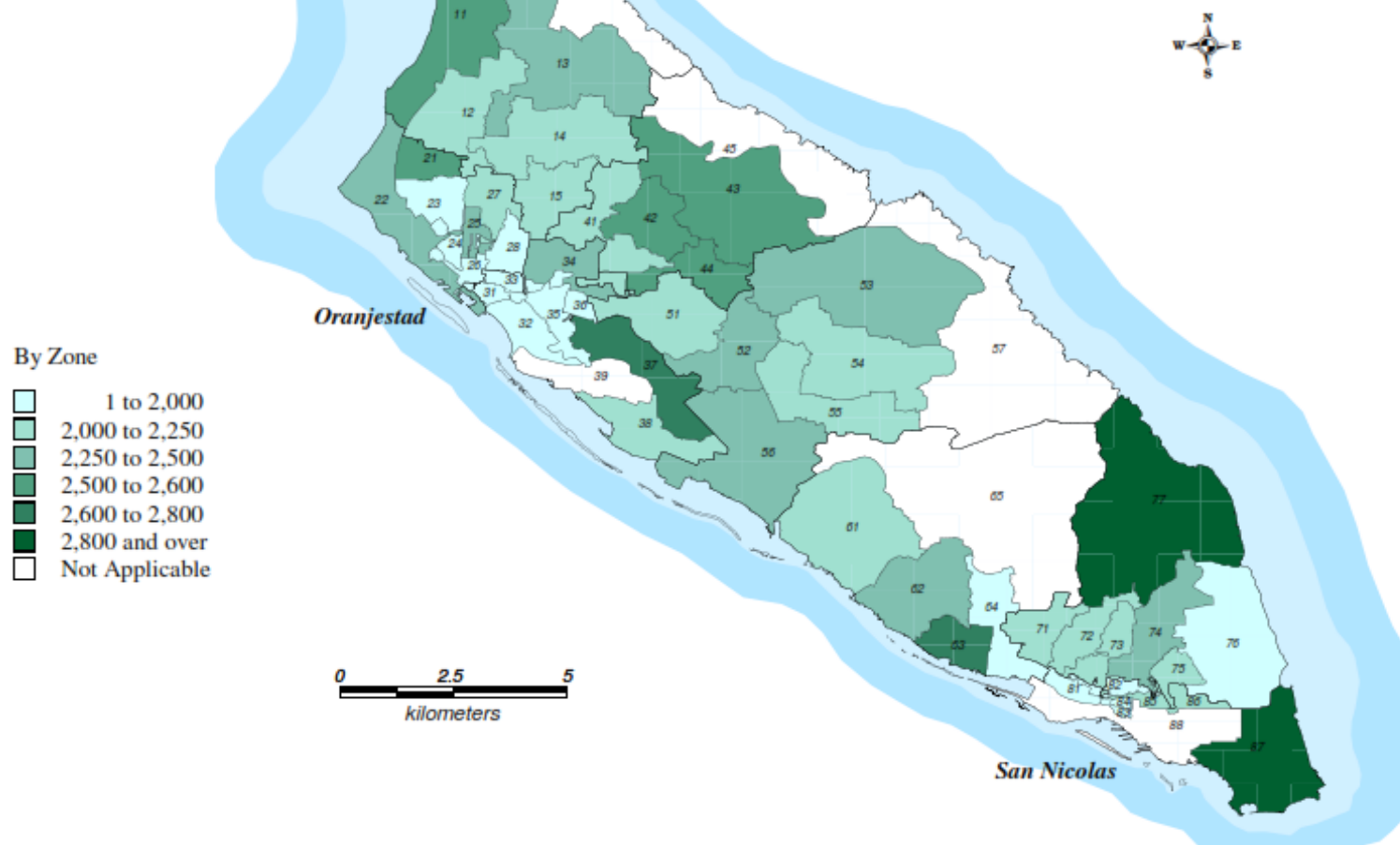
**(Total number of economically active persons between 14 years and older, in a particular zone)**

Comparing the results of the 2000 Census to the 2010 Census, we see an increase of unemployment rates among the youth in certain areas, with the biggest increase in 'Village'. Unemployment in the youth went from 1.5% in 2000, to 9.2% in 2010, indicating a growth of more than five times the unemployment rate. According to the 2000 Census the highest unemployment rate was amongst the 19, 20 and 21 year olds. The Census of 2010 shows that the relatively high unemployment rates start at age 18 and continue all the way to age 24. In 2000, most of the unemployed youth were born in Aruba (61%), followed by Colombia (13%) and the Dominican Republic (9%). In 2010, the unemployed Aruban-born youth represented an even larger group (70%) of the unemployed youth, while unemployed youth born in Colombia and the Dominican Republic represented respectively, 7.7% and 4.2% of the total unemployed youth. The percentage of unemployed youth born in the Netherlands has also increased in the past 10 years, going from 3.1% in 2000 to 6.5% in 2010 .

	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>	%	%	<u>Region 5: Santa Cruz</u>	%	%
11 Palm Beach/Malmok	2.0	2.2	51 Hooiberg	1.6	2.4
12 Washington	0.9	2.1	52 Pabilon	1.9	3.0
13 Alto Vista	2.0	1.4	53 Cashero	2.7	2.9
14 Moko/Tanki Flip	1.4	2.0	54 Urataca	1.6	2.9
15 Tanki Leendert	1.2	2.4	55 Macuarima	2.9	3.5
16 Noord other	-	-	56 Balashi/Barcadera	1.0	2.9
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	0.6	3.4	61 Pos Chiquito	1.7	3.8
22 Eagle/Paardebai	0.5	1.7	62 Jara/Seroe Alejandro	0.9	2.0
23 Madiki Kavel	2.1	4.0	63 De Bruynewijk	1.1	1.0
24 Madiki/Rancho	1.2	3.6	64 Cura Cabai	1.8	3.5
25 Paradijswijk/Sta.Helena	1.7	1.6	65 Savaneta	-	-
26 Socotoro/Rancho	2.2	2.2	<u>Region 7: San Nicolas-North</u>		
27 Ponton	0.8	2.2	71 Brasil	1.5	3.5
28 Companashi/Solito	0.9	1.7	72 Rooi Congo	1.8	3.2
<u>Region 3: Oranjestad-East</u>			73 Watapana Gezaag	2.7	2.8
31 Nassaustraat	1.7	0.9	74 Standardville/Rooi Hundo	2.3	2.6
32 Klip/Mon Plaisir	0.8	0.4	75 Kustbatterij	1.9	4.5
33 Sividivi	0.7	0.7	76 Juana Morto	2.5	2.5
34 Seroe Blanco/Cumana	1.1	1.7	77 San Nicolas-North other	-	15.0
35 Dakota/Potrero	1.8	2.3	<u>Region 8: San Nicolas-South</u>		
36 Tarabana	3.5	5.9	81 Zeewijk	4.7	4.2
37 Sabana Blanco/Mahuma	1.1	2.4	82 Pastoor Hendrikstraat	3.4	2.0
38 Simeon Antonio	2.2	2.9	83 vd Veen Zeppenfeldstraat	1.7	3.3
39 Oranjestad-East other	-	-	84 Village	1.5	9.2
<u>Region 4: Paradera</u>			85 Essoville	2.9	3.0
41 Shiribana	1.0	2.3	86 Lago/Esso Heights	2.3	4.1
42 Paradera	0.6	1.5	87 Seroe Colorado	-	1.1
43 Ayo	0.6	2.4	88 San Nicolas-South other	-	-
44 Piedra Plat	1.3	2.4			
45 Paradera other	-	-			



**P-J.1. Median income from main job for persons 14 years and older, by zone**



## P-J.1 Median income for persons 14 years and older

In the 2010 Population Census, 'income' refers to the gross income from main job in the month preceding the Census. All data on income are presented in Aruban florins. The median income in a particular zone gives the income for the middle case in the zone when data on income have been ranked from low to high. Only persons who had an income from a main job were included. We opted for the median income because the average income is very sensitive to outlying values; i.e. the few very high incomes result in an average income which is too rosy a picture of reality. The median income for Aruba according to the 2010 Census registered at Afls. 2,080 a month. No comparison can be made with the results of the 2000 Census, given that the personal income reported in 2000 included income received from other sources.

2010		2010	
<u>Region 1: Noord/ Tanki Leendert</u>		<u>Region 5: Santa Cruz</u>	
	Afls.		Afls.
11 Palm Beach/Malmok	2,500	51 Hooiberg	2,200
12 Washington	2,200	52 Papilon	2,400
13 Alto Vista	2,400	53 Cashero	2,300
14 Moko\Tanki Flip	2,200	54 Urataca	2,150
15 Tanki Leendert	2,100	55 Macuarima	2,200
16 Noord other	-	56 Balashi/Barcadera	2,300
		57 Santa Cruz other	-
<u>Region 2: Oranjestad-West</u>		<u>Region 6: Savaneta</u>	
21 Pos Abao/Cunucu Abao	2,500	61 Pos Chiquito	2,025
22 Eagle/Paardebai	2,400	62 Jara/Seroe Alejandro	2,260
23 Madiki Kavel	1,800	63 De Bruynewijk	2,600
24 Madiki/Rancho	1,790	64 Cura Cabai	1,926
25 Paradijswijk/Sta.Helena	2,300	65 Savaneta	-
26 Socotoro/Rancho	1,700		
27 Ponton	2,050		
28 Companashi/Solito	1,950	<u>Region 7: San Nicolas-North</u>	
		71 Brasil	2,005
<u>Region 3: Oranjestad-East</u>		72 Rooi Congo	2,000
31 Nassaustraat	1,580	73 Watapana Gezaag	2,002
32 Klip/Mon Plaisir	1,800	74 Standardville/Rooi Hundo	2,307
33 Sividivi	1,800	75 Kustbatterij	2,000
34 Seroe Blanco/Cumana	2,400	76 Juana Morto	1,950
35 Dakota/Potrero	1,800	77 San Nicolas-North other	3,475
36 Tarabana	1,950		
37 Sabana Blanco/Mahuma	2,700	<u>Region 8: San Nicolas-South</u>	
38 Simeon Antonio	2,000	81 Zeewijk	1,800
39 Oranjestad-East other	-	82 Pastoor Hendrikstraat	1,998
		83 vd Veen Zeppenfeldstraat	1,700
<u>Region 4: Paradera</u>		84 Village	1,500
41 Shiribana	2,100	85 Essoville	2,000
42 Paradera	2,500	86 Lago/Esso Heights	2,003
43 Ayo	2,500	87 Seroe Colorado	4,250
44 Piedra Plat	2,500	88 San Nicolas-South other	-
45 Paradera other	-		

## P-J.2. Median personal income from all sources for persons 14 years and older

Personal income refers to the gross income persons 14 years and older received from all sources in the month preceding the Census. All data on income are presented in Aruban florins. The median income in a particular zone gives the income for the middle case in the zone when data on income have been ranked from low to high. Only persons who had an income were included.

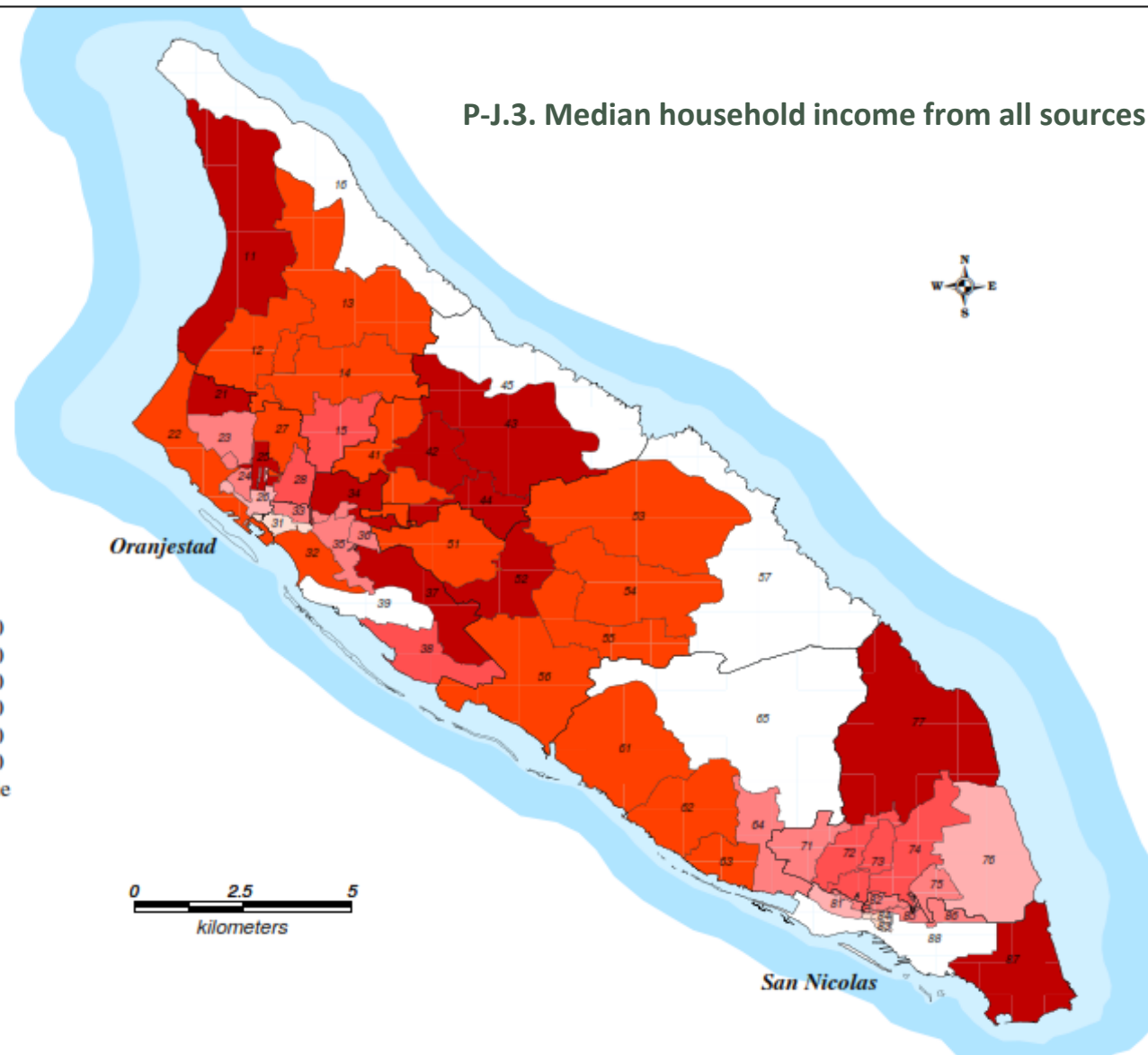
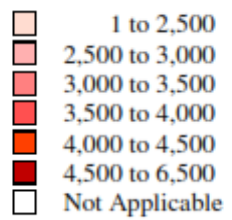
In the year 2000, the median personal income from all sources stood at Afls. 1,600, increasing in 2010 to Afls. 2,000. Relative to the year 2000, the median personal income from all sources increased in all but two region, namely in 'Ponton' and in 'San Nicolas-North other, where the median personal income decreased with 2 percent and 24 percent, respectively.

The median personal income from all sources was highest in 'Seroe Colorado' and lowest in 'Village'. The highest increase in personal income from 2000 to 2010 was visible in 'Palm Beach/Malmok (38.9%), 'Eagle/Paardenbaai (37.5%), 'Madiki/Rancho'(38.7%), 'Socotoro/Rancho' (38.7%), 'Standaardville/Rooi Hundo (36.8%), Kustbatterij (36.9%), and 'Seroe Colorado' (39.1%).

	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>			<u>Region 5: Santa Cruz</u>		
	Afls.	Afls.		Afls.	Afls.
11 Palm Beach/Malmok	1,800	2,500	51 Hooiberg	1,900	2,100
12 Washington	1,760	2,200	52 Papilon	2,000	2,100
13 Alto Vista	1,700	2,235	53 Cashero	1,600	2,000
14 Moko\Tanki Flip	1,800	2,200	54 Urataca	1,500	2,000
15 Tanki Leendert	1,600	2,111	55 Macuarima	1,500	1,800
16 Noord other	-	-	56 Balashi/Barcadera	1,700	2,000
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	1,900	2,500	61 Pos Chiquito	1,748	2,000
22 Eagle/Paardebaai	1,600	2,200	62 Jara/Seroe Alejandro	1,800	1,980
23 Madiki Kavel	1,500	1,800	63 De Bruynewijk	1,893	2,100
24 Madiki/Rancho	1,226	1,700	64 Cura Cabai	1,600	1,800
25 Paradijswijk/Sta.Helena	2,000	2,139	65 Savaneta	-	-
26 Socotoro/Rancho	1,226	1,700			
27 Ponton	2,251	2,200	<u>Region 7: San Nicolas-North</u>		
28 Companashi/Solito	1,500	1,900	71 Brasil	1,500	1,800
			72 Rooi Congo	1,600	1,900
<u>Region 3: Oranjestad-East</u>			73 Watapana Gezaag	1,500	1,775
31 Nassaustraat	1,226	1,555	74 Standaardville/Rooi Hundo	1,250	1,710
32 Klip/Mon Plaisir	2,000	2,000	75 Kustbatterij	1,300	1,780
33 Sividivi	1,500	1,800	76 Juana Morto	1,226	1,618
34 Seroe Blanco/Cumana	2,000	2,415	77 San Nicolas-North other	1,558	1,181
35 Dakota/Potrero	1,300	1,700			
36 Tarabana	1,300	1,700	<u>Region 8: San Nicolas-South</u>		
37 Sabana Blanco/Mahuma	2,251	2,800	81 Zeewijk	1,226	1,600
38 Simeon Antonio	1,745	1,900	82 Pastoor Hendrikstraat	1,300	1,700
39 Oranjestad-East other	-	-	83 vd Veen Zeppenfeldstraat	1,200	1,500
			84 Village	1,000	1,200
<u>Region 4: Paradera</u>			85 Essoville	1,400	1,700
41 Shiribana	1,800	2,000	86 Lago/Esso Heights	1,380	1,920
42 Paradera	1,900	2,300	87 Seroe Colorado	3,751	4,000
43 Ayo	2,000	2,200	88 San Nicolas-South other	3,000	-
44 Piedra Plat	1,800	2,367			
45 Paradera other	-	-			

P-J.3. Median household income from all sources by zone

By Zone



### P-J.3 Median household income

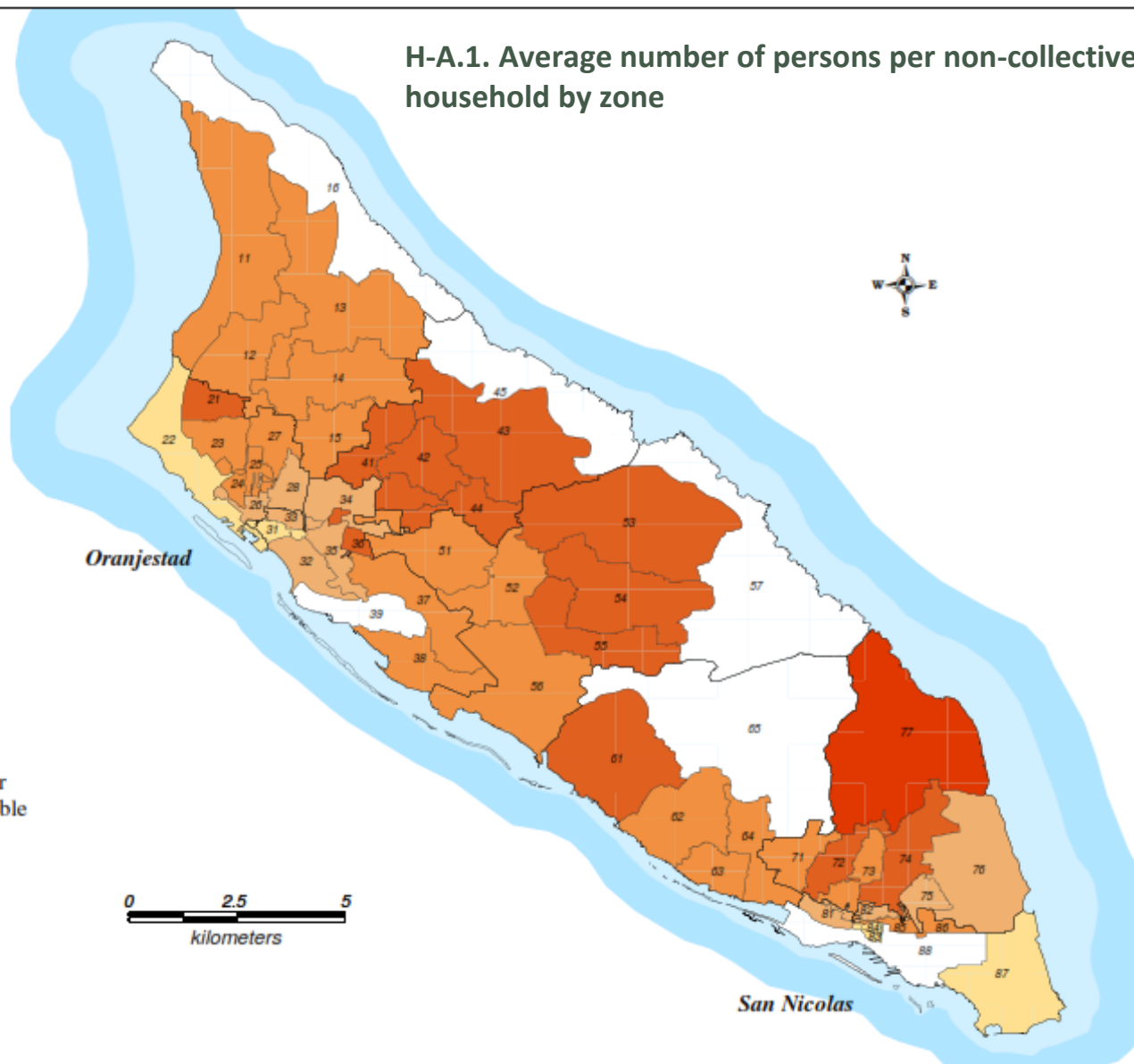
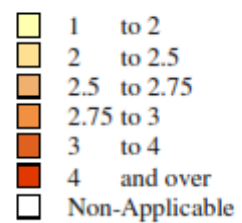
The present map provides an insight into the regional distribution of the median household income from all sources in Aruba. The household income was calculated as the sum of all the separate incomes of all the members of the household from all sources. The way the median household income in a zone is calculated is similar to the median personal income. Median household incomes were calculated for non-collective households.

Obviously, the number of persons contributing to the household income is an important factor in the total household income. On the other hand, the number of dependents in the household is important for the amount of income that can be spent per person. The median household income for Aruba as a whole was calculated at Afl. 3,900. According to the 2010 Census, the household income varies from as low as Afl. 1,305 in zone 'Village', to as high as Afl. 5,200 in 'Seroe Colorado'. In San Nicolas (regions North and South), households in no less than seven zones have a median income of less than Afl. 2000. In the six other regions on the island, households in only two zones indicated having a median household income of less than Afl. 2,000.

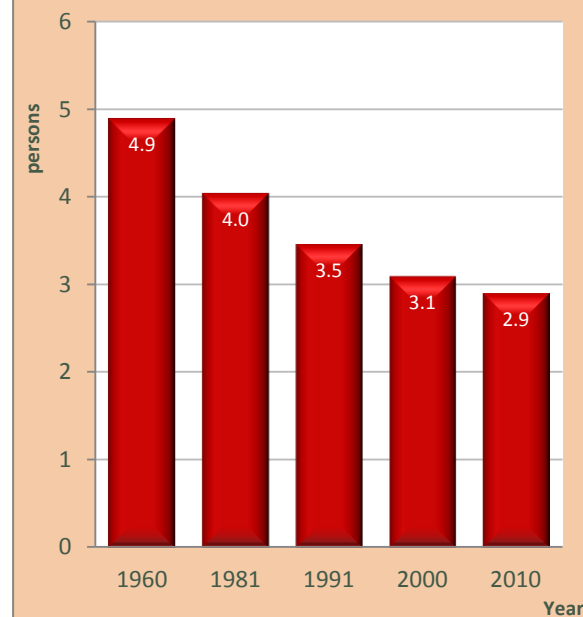
	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>	Afls.	Afls.	<u>Region 5: Santa Cruz</u>	Afls.	Afls.
11 Palm Beach/Malmok	4,000	5,000	51 Hooiberg	3,751	4,236
12 Washington	4,100	4,320	52 Papilon	3,990	4,500
13 Alto Vista	3,751	4,395	53 Cashero	3,477	4,300
14 Moko\Tanki Flip	3,751	4,000	54 Urataca	3,225	4,034
15 Tanki Leendert	3,580	3,850	55 Macuarima	3,700	4,000
16 Noord other	-	-	56 Balashi/Barcadera	3,477	4,110
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	3,950	4,713	61 Pos Chiquito	3,500	4,000
22 Eagle/Paardebaai	5,000	4,050	62 Jara/Seroe Alejandro	3,700	4,000
23 Madiki Kavel	2,880	3,000	63 De Bruynewijk	3,751	4,053
24 Madiki/Rancho	2,600	3,120	64 Cura Cabai	3,100	3,000
25 Paradijswijk/Sta.Helena	3,953	4,500	65 Savaneta	-	-
26 Socotoro/Rancho	2,452	2,932			
27 Ponton	4,501	4,300	<u>Region 7: San Nicolas-North</u>		
28 Companashi/Solito	3,287	3,720	71 Brasil	2,786	3,300
			72 Rooi Congo	3,477	3,835
<u>Region 3: Oranjestad-East</u>			73 Watapana Gezaag	30,514	3,500
31 Nassastraat	2,250	2,000	74 Standardville/Rooi Hundo	2,800	3,554
32 Klip/Mon Plaisir	5,251	4,212	75 Kustbatterij	2,698	3,180
33 Sividivi	3,080	3,262	76 Juana Morto	2,146	2,600
34 Seroe Blanco/Cumana	3,751	4,500	77 San Nicolas-North other	-	4,925
35 Dakota/Potrero	2,950	3,080			
36 Tarabana	3,280	3,302	<u>Region 8: San Nicolas-South</u>		
37 Sabana Blanco/Mahuma	4,250	5,180	81 Zeewijk	2,245	2,535
38 Simeon Antonio	3,300	3,900	82 Pastoor Hendrikstraat	2,670	3,063
39 Oranjestad-East other	-	-	83 vd Veen Zeppenfeldstraat	1,890	1,850
			84 Village	1,226	1,305
<u>Region 4: Paradera</u>			85 Essoville	3,000	3,110
41 Shiribana	3,600	4,000	86 Lago/Esso Heights	2,838	3,406
42 Paradera	4,334	4,715	87 Seroe Colorado	8,251	6,500
43 Ayo	3,751	4,500	88 San Nicolas-South other	-	-
44 Piedra Plat	4,138	5,114			
45 Paradera other	-	-			

**H-A.1. Average number of persons per non-collective household by zone**

By Zone



**Average number of persons per non-collective household**



## H-A.1. Average number of persons per household

During the 2010 Census 34,845 non-collective households were counted. With a population of 101,484, this means that the average size of a non-collective household is 2.9 persons. As can be seen in the graph on page 72, the average size per household shows a continuous decrease since 1960.

The formula we used to draw map P-B.3. goes as follows:

$$\frac{\text{(Total number of persons in all non-collective households in particular zone)}}{\text{(Total number of non-collective households in particular zone)}}$$

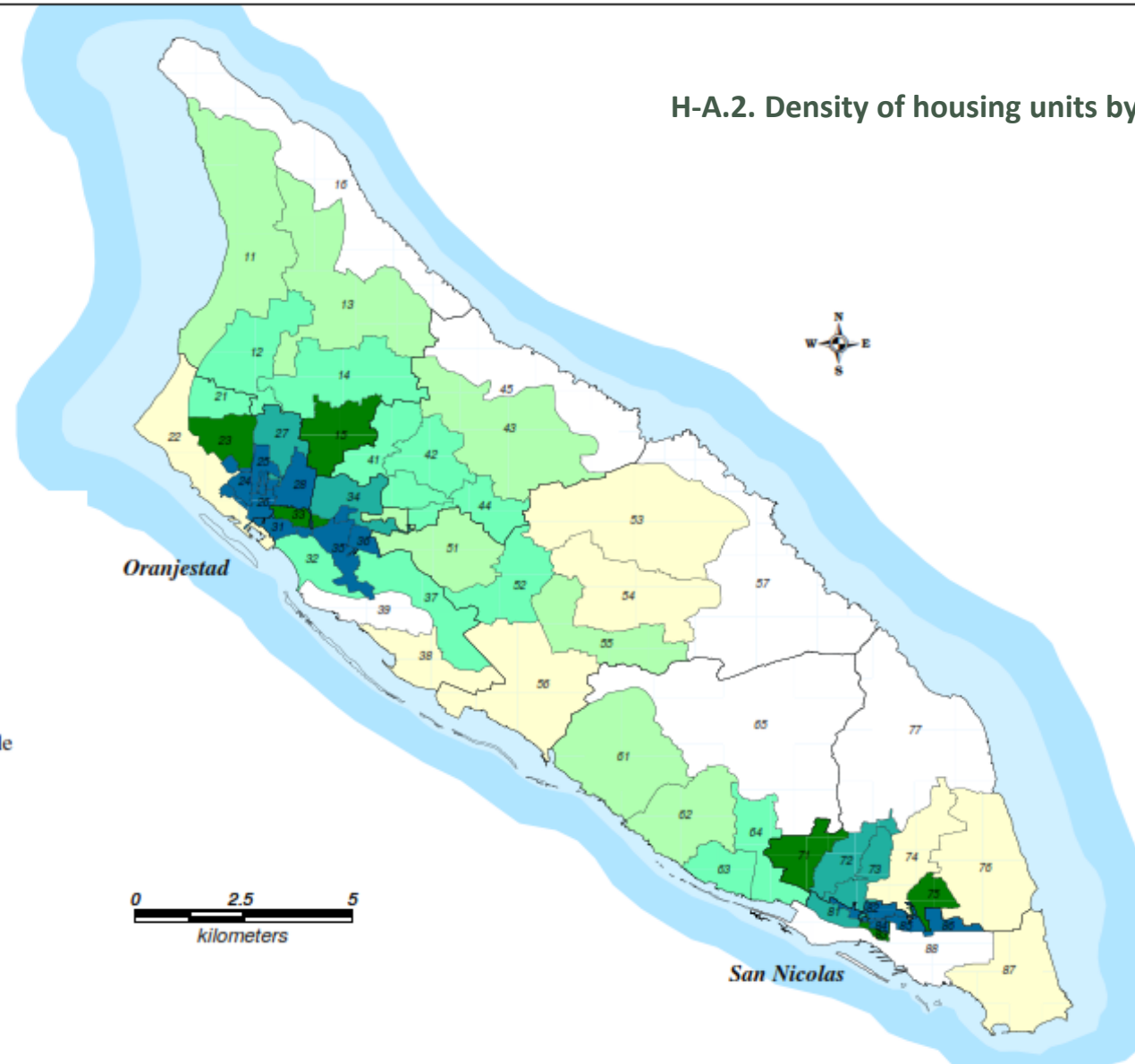
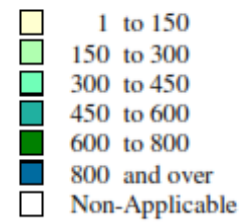
The map shows some interesting regional differences in the average number of persons per household. The zones, 'van de Veen Zeppenfeldstraat', 'Village', 'Nassaustraat' and 'Eagle/Paardebai' have the smallest households. San Nicolas South is the region with the smallest average household size. The regions of Paradera and Santa Cruz still have the largest households in Aruba. Small households have become the norm throughout the island.

	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>	<u>Abs.</u>	<u>Abs.</u>	<u>Region 5: Santa Cruz</u>	<u>Abs.</u>	<u>Abs.</u>
11 Palm Beach/Malmok	3.2	3.0	51 Hooiberg	3.3	3.0
12 Washington	3.2	2.9	52 Papilon	3.3	3.0
13 Alto Vista	3.2	2.9	53 Cashero	3.4	3.2
14 Moko\Tanki Flip	3.0	2.9	54 Urataca	3.2	3.2
15 Tanki Leendert	3.0	2.8	55 Macuarima	3.4	3.1
16 Noord other	-	-	56 Balashi/Barcadera	3.2	2.9
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	3.0	3.0	61 Pos Chiquito	3.2	3.0
22 Eagle/Paardebai	3.0	2.3	62 Jara/Seroe Alejandro	3.2	2.9
23 Madiki Kavel	3.0	2.9	63 De Bruynewijk	3.1	2.8
24 Madiki/Rancho	2.9	2.8	64 Cura Cabai	3.1	2.8
25 Paradijswijk/Sta.Helena	3.0	2.9	65 Savaneta	-	-
26 Socotoro/Rancho	2.7	2.5	<u>Region 7: San Nicolas-North</u>		
27 Ponton	3.0	2.8	71 Brasil	3.1	3.0
28 Companashi/Solito	2.7	2.7	72 Rooi Congo	3.2	3.0
<u>Region 3: Oranjestad-East</u>			73 Watapana Gezaag	3.1	2.9
31 Nassaustraat	2.5	2.2	74 Standardville/Rooi Hundo	3.1	3.0
32 Klip/Mon Plaisir	2.8	2.6	75 Kustbatterij	3.0	2.7
33 Sividivi	3.1	2.5	76 Juana Morto	2.9	2.7
34 Seroe Blanco/Cumana	2.9	2.7	77 San Nicolas-North other	3.8	5.0
35 Dakota/Potrero	3.0	2.7	<u>Region 8: San Nicolas-South</u>		
36 Tarabana	3.5	3.1	81 Zeewijk	2.9	2.6
37 Sabana Blanco/Mahuma	3.1	3.0	82 Pastoor Hendrikstraat	3.2	2.7
38 Simeon Antonio	3.0	3.0	83 vd Veen Zeppenfeldstraat	2.5	2.1
39 Oranjestad-East other	-	-	84 Village	2.4	2.3
<u>Region 4: Paradera</u>			85 Essoville	3.1	2.9
41 Shiribana	3.1	3.1	86 Lago/Esso Heights	3.3	2.8
42 Paradera	3.3	3.0	87 Seroe Colorado	2.6	2.4
43 Ayo	3.2	3.0	88 San Nicolas-South other	1.7	-
44 Piedra Plat	3.5	3.2			
45 Paradera other	-	-			

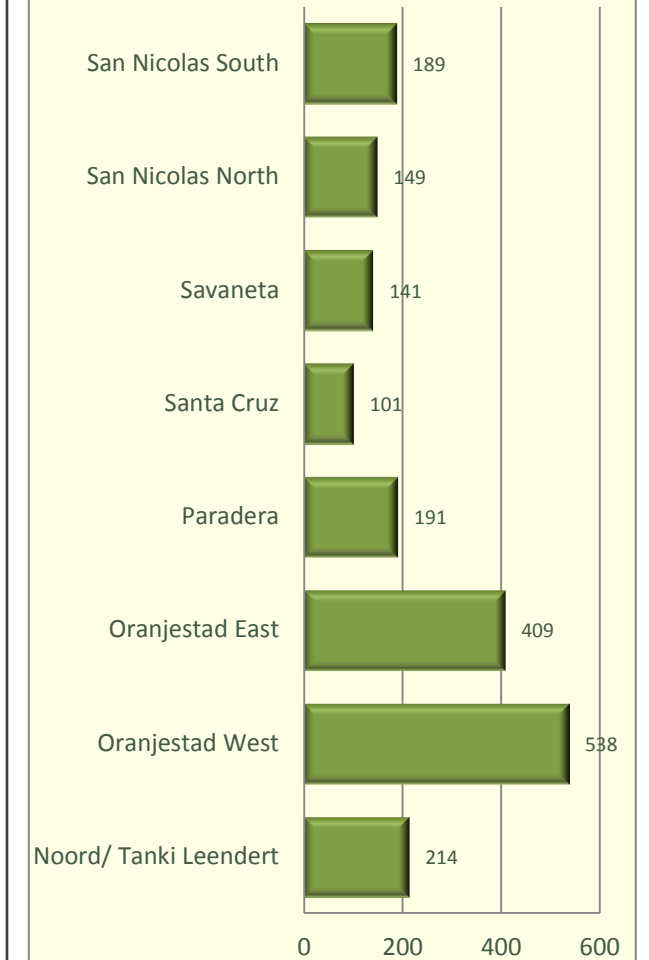


H-A.2. Density of housing units by zone

By Zone



Density of housing units by region



## H-A.2. Density of housing units

Map P-A.1. presented the population density as the number of persons per km<sup>2</sup>. Map H-A.2. gives the number of housing units per km<sup>2</sup>. It provides an insight into the regional distribution of settlements on Aruba. The blank 'non-applicable' zones are those where no households are residing. According to the 2010 Census, the total number of households on Aruba equals 34,845, and the overall density of housing units per km<sup>2</sup> in Aruba is 195 units per km<sup>2</sup>.

To following formula was used to draw the map:

(Number of households in particular zone)

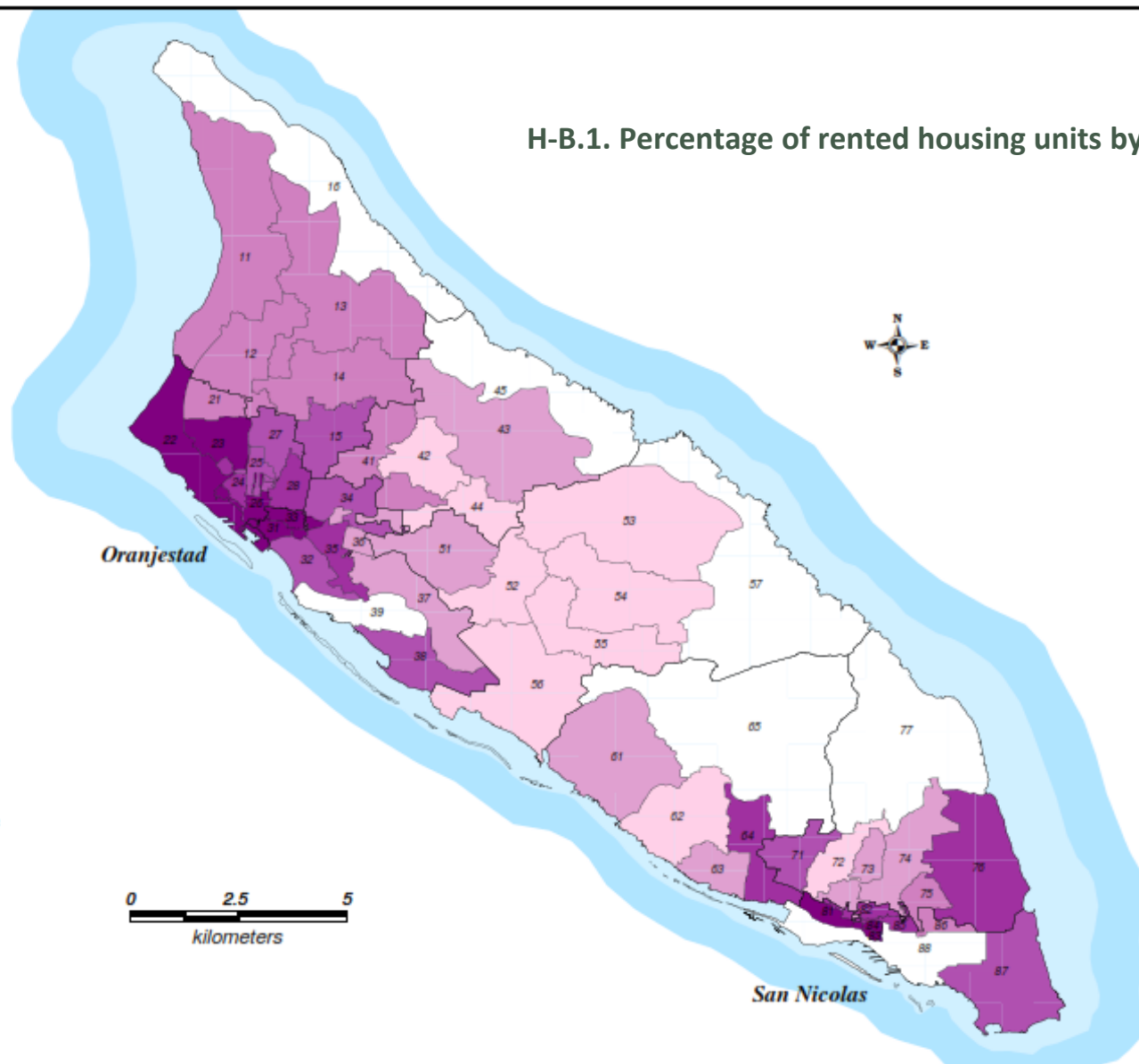
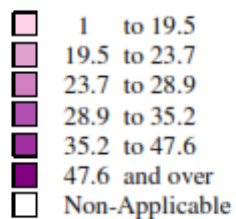
(Size in square kilometers of the zone)

The 2000 Census indicated a density of 163 housing units per km<sup>2</sup>. The increase of the population density per km<sup>2</sup> according to the 2010 Census is also reflected in the density of the housing units per km<sup>2</sup>. The most densely populated zone remains the 'Village'. The density went up from 3,279 in 2000 to 3,347 housing units per km<sup>2</sup> in 2010. We find the lowest density of housing units in the Santa Cruz area, where 'Cashero' has a household density of 79 units per km<sup>2</sup>. In 'Madiki Kavel' the number of housing units per km<sup>2</sup> increased with 66%. At the same time 'Seroe Colorado' showed an enormous drop of 41.8% in the density of housing units, making it the zone with the lowest density of housing units per km<sup>2</sup>. Overall the region of 'Oranjestad West' has the highest density when it comes to housing units, which is also reflected in the population density per km<sup>2</sup>.

	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>	<u>Abs.</u>	<u>Abs.</u>	<u>Region 5: Santa Cruz</u>	<u>Abs.</u>	<u>Abs.</u>
11 Palm Beach/Malmok	167	230	51 Hooiberg	242	259
12 Washington	289	388	52 Pabilon	270	302
13 Alto Vista	136	212	53 Cashero	67	79
14 Moko\Tanki Flip	242	308	54 Urataca	88	107
15 Tanki Leendert	495	630	55 Macuarima	157	176
16 Noord other	-	-	56 Balashi/Barcadera	86	94
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	305	388	61 Pos Chiquito	219	293
22 Eagle/Paardebaai	39	51	62 Jara/Seroe Alejandro	194	226
23 Madiki Kavel	373	618	63 De Bruynewijk	386	435
24 Madiki/Rancho	1,319	1,284	64 Cura Cabai	263	318
25 Paradijswijk/Sta.Helena	1,135	1,309	65 Savaneta	-	-
26 Socotoro/Rancho	1,517	1,513			
27 Ponton	476	589	<u>Region 7: San Nicolas-North</u>		
28 Companashi/Solito	848	1,008	71 Brasil	572	643
<u>Region 3: Oranjestad-East</u>			72 Rooi Congo	506	527
31 Nassastraat	779	857	73 Watapana Gezaag	497	523
32 Klip/Mon Plaisir	422	397	74 Standardville/Rooi Hundo	140	144
33 Sividivi	751	767	75 Kustbatterij	671	639
34 Seroe Blanco/Cumana	500	572	76 Juana Morto	57	70
35 Dakota/Potrero	908	932	77 San Nicolas-North other	1	1
36 Tarabana	1,402	1,457			
37 Sabana Blanco/Mahuma	273	331	<u>Region 8: San Nicolas-South</u>		
38 Simeon Antonio	141	149	81 Zeewijk	575	492
39 Oranjestad-East other	-	-	82 Pastoor Hendrikstraat	848	845
<u>Region 4: Paradera</u>			83 vd Veen Zeppenfeldstraat	896	719
41 Shiribana	248	442	84 Village	3,279	3,347
42 Paradera	306	376	85 Essoville	1,365	1,265
43 Ayo	113	152	86 Lago/Esso Heights	858	892
44 Piedra Plat	309	406	87 Seroe Colorado	33	19
45 Paradera other	-	-	88 San Nicolas-South other	7	-

**H-B.1. Percentage of rented housing units by zone**

By Zone



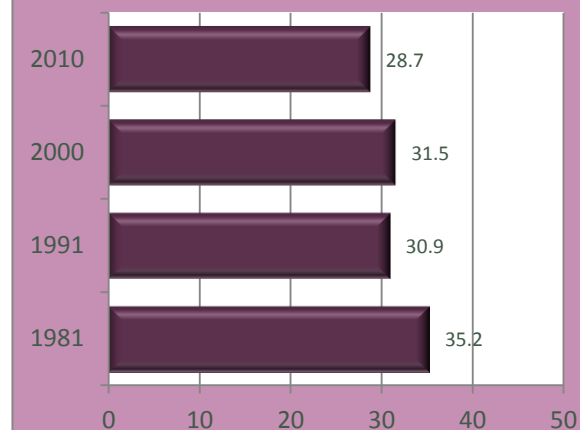
**Top 5 zones with the highest % of rented housing units**

Zone	2000	2010
Nassastraat	73.0	79.0
vd Veen Zeppenfeldtstraat	60.2	60.7
Village	72.5	69.6
Socotoro/Rancho	49.9	55.7
Eagle/Pardebaai	44.1	50.6

**Top 5 zones with the lowest % of rented housing units**

Zone	2000	2010
Cashero	12.9	12.7
Urataca	14.5	12.9
Macuarima	17.2	14.1
Paradera	17.5	15.2
Piedra Plat	18.1	15.6

**Percentage of rented housing units**



## H-B.1. Percentage of rented housing units

In the Population Census, a housing unit is defined as a 'separate and independent place of residence, used by only one non-collective household'. This includes structures of various levels of permanence and quality.

In 1981, the percentage of rented housing units was registered at 35.2%. The percentage of housing units rented decreased in 1991 (30.9%) and showed a small increase in 2000 (31.5%).

According to the 2010 Census out of 34,845 non-collective occupied housing units, 9,998 were rented (28.7%).

The following formula was used:

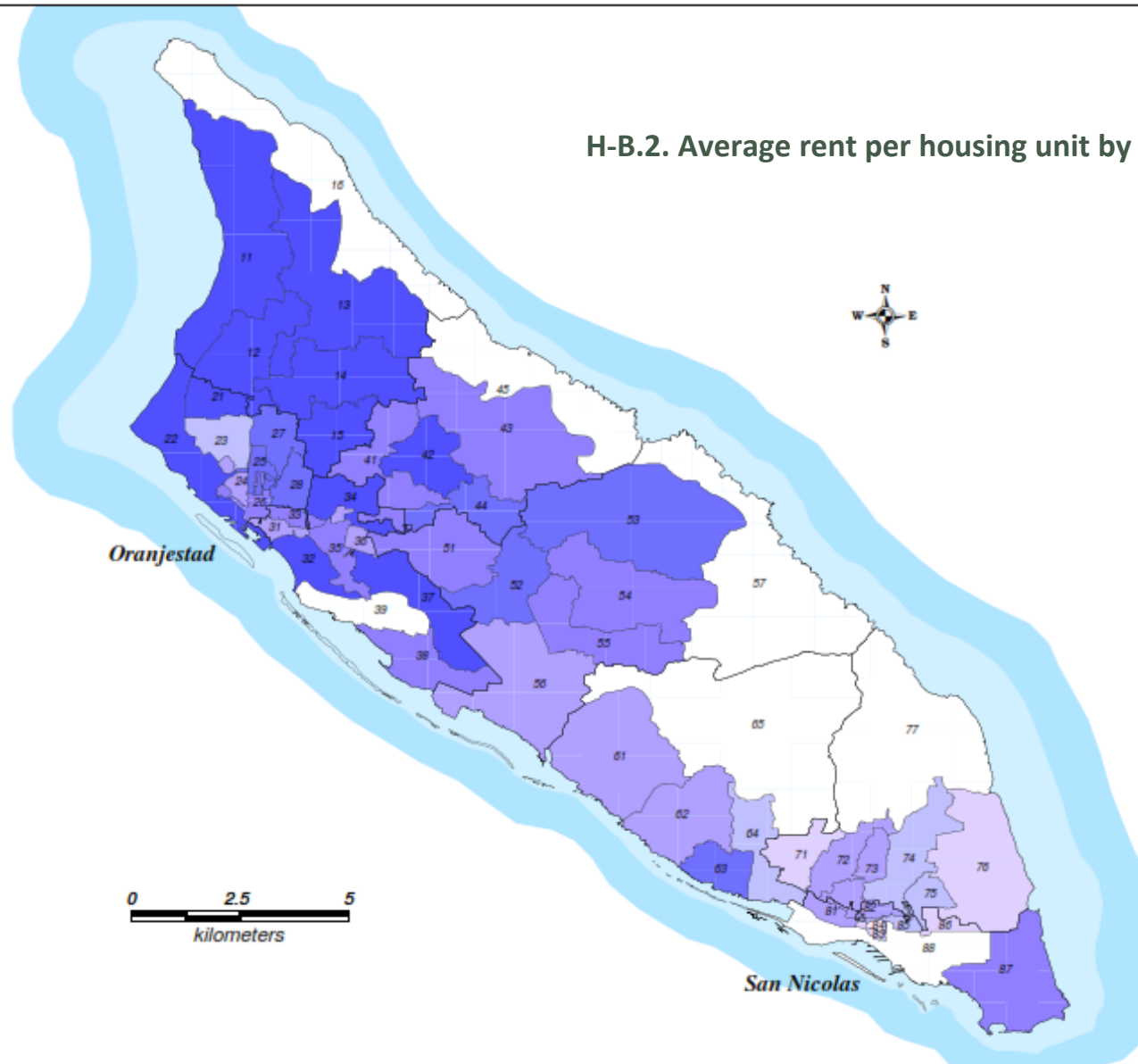
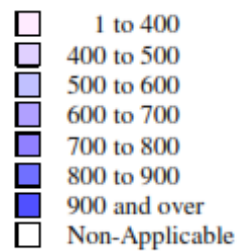
$$\frac{(\text{Number of rented housing units in a particular zone})}{(\text{Total number of housing units in a particular zone})} * 100$$

As can be seen on the map on page 75, the proportion of housing units which are rented is lowest in regions Paradera and Santa Cruz and highest in Oranjestad East.

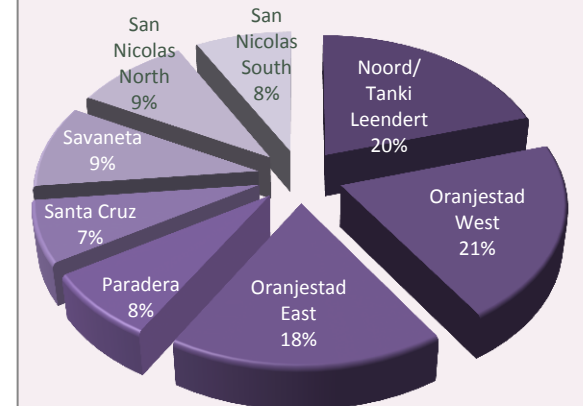
	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>	%	%	<u>Region 5: Santa Cruz</u>	%	%
11 Palm Beach/Malmok	29.8	25.0	51 Hooiberg	27.0	23.2
12 Washington	25.9	27.7	52 Papijon	20.3	17.1
13 Alto Vista	28.3	23.8	53 Cashero	12.9	12.7
14 Moko\Tanki Flip	29.8	28.9	54 Urataca	14.5	12.9
15 Tanki Leendert	31.1	33.4	55 Macuarima	17.2	14.1
16 Noord other	-	-	56 Balashi/Barcadera	22.7	18.8
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	33.8	26.8	61 Pos Chiquito	29.3	22.7
22 Eagle/Paardebaai	44.1	50.6	62 Jara/Seroe Alejandro	23.3	18.9
23 Madiki Kavel	38.9	50.1	63 De Bruynewijk	25.4	20.8
24 Madiki/Rancho	44.9	46.0	64 Cura Cabai	28.9	37.2
25 Paradijswijk/Sta.Helena	33.8	30.4	65 Savaneta	-	-
26 Socotoro/Rancho	49.9	55.7	<u>Region 7: San Nicolas-North</u>		
27 Ponton	32.7	32.6	71 Brasil	42.0	34.5
28 Companashi/Solito	44.0	35.9	72 Rooi Congo	22.9	19.5
<u>Region 3: Oranjestad-East</u>			73 Watapana Gezaag	26.5	22.3
31 Nassaustraat	73.0	79.0	74 Standardville/Rooi Hundo	27.4	20.0
32 Klip/Mon Plaisir	29.3	33.1	75 Kustbatterij	30.5	25.1
33 Sividivi	46.4	49.0	76 Juana Morto	42.1	42.5
34 Seroe Blanco/Cumana	37.6	35.2	77 San Nicolas-North other	18.2	-
35 Dakota/Potrero	37.4	36.2	<u>Region 8: San Nicolas-South</u>		
36 Tarabana	31.0	23.7	81 Zeewijk	49.8	47.6
37 Sabana Blanco/Mahuma	27.1	21.1	82 Pastoor Hendrikstraat	37.8	38.8
38 Simeon Antonio	35.8	30.3	83 vd Veen Zeppenfeldstraat	60.2	60.7
39 Oranjestad-East other	-	-	84 Village	72.5	69.6
<u>Region 4: Paradera</u>			85 Essoville	45.8	35.8
41 Shiribana	26.9	25.4	86 Lago/Esso Heights	38.5	28.0
42 Paradera	17.5	15.2	87 Seroe Colorado	57.9	32.9
43 Ayo	23.7	19.7	88 San Nicolas-South other	-	-
44 Piedra Plat	18.1	15.6			
45 Paradera other	-	-			

H-B.2. Average rent per housing unit by zone

By Zone



Rented housing units by region



Top 5 zones with lowest average rent per unit

Zone	2000	2010
	Afls.	Afls.
Village	726	315
Juana Morto	469	428
Brasil	645	457
Lago/Esso Heights	362	484
vd Veen Zeppenfeldstraat	700	495

Top 5 zones with highest average rent per unit

Zone	2000	2010
	Afls.	Afls.
Palm Beach/Malmok	509	1,287
Eagle/Paardebai	662	1,164
Paradera	217	1,130
Alto Vista	463	1,088
Washington	368	987

## H-B.2. Average rent per housing unit

The average rent paid per housing unit is calculated as the total sum of all the rent paid in a particular zone, divided by the total number of housing units rented in the zone. Only households where non-collective households are residing were included.

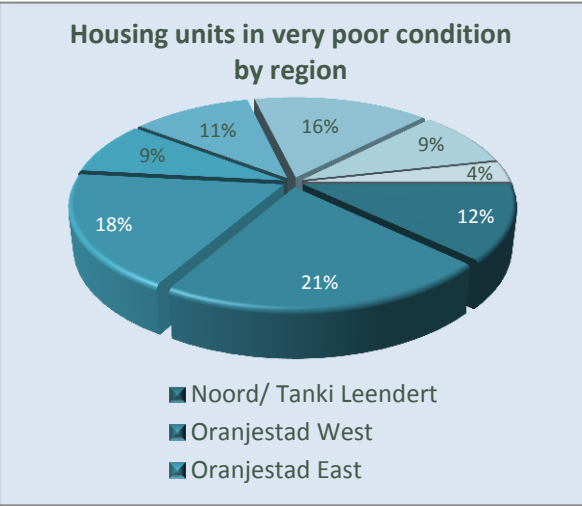
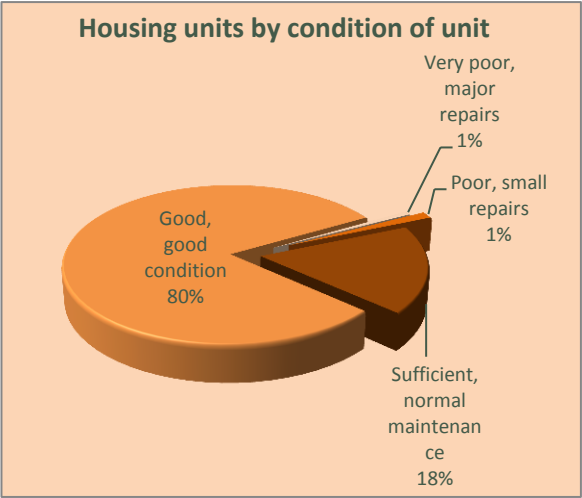
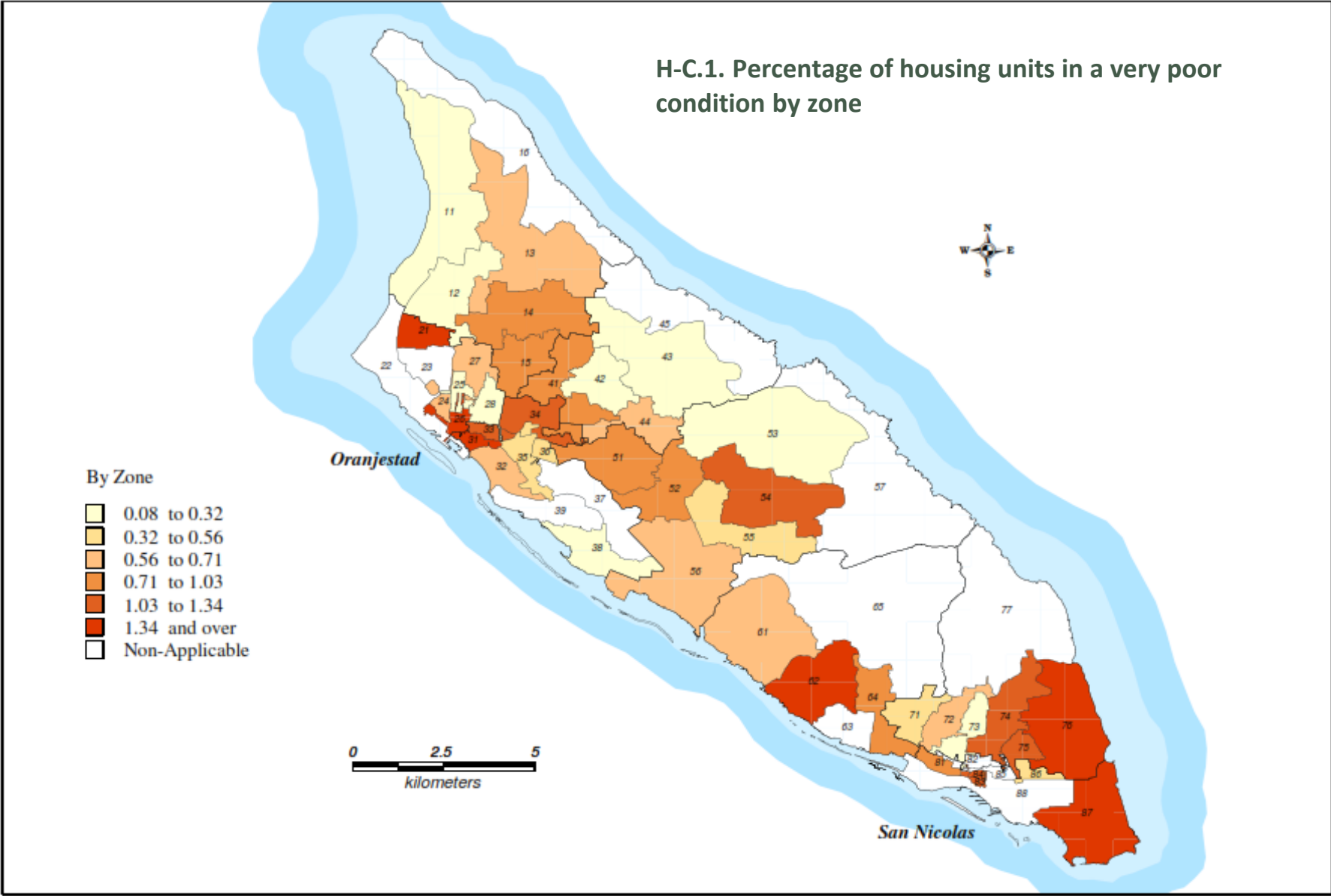
The following formula was used:

**(Total amount paid per month on rent in a particular zone)**

**(Total no. of non-collective households in a particular zone)**

In the past 10 years the average rent has increased considerably in some areas. In Noord/Tanki Leendert for example all the zones saw a rise in the average monthly rent paid per housing unit. In general, the average rent paid at the Northern side of the island is much higher than at the Southern side. Rent in and around San Nicolas is much lower than in and around Oranjestad. The lowest average rent can be found in 'Village'. The region of San Nicolas North has the lowest average rent per month. Compared to the year 2000, 23 zones registered increases in the average monthly rent of over 100%. Two zones registered increases of over 400%, namely 'Paradera' and 'Cashero', while 'Urataca' topped all areas with an increase of 519%. Still, there were 7 zones where the average monthly rent dropped such as 'Nassaustraat', 'Brasil' and 'Essoville'.

	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>	<u>Afls.</u>	<u>Afls.</u>	<u>Region 5: Santa Cruz</u>	<u>Afls.</u>	<u>Afls.</u>
11 Palm Beach/Malmok	509	1,287	51 Hooiberg	311	739
12 Washington	368	987	52 Papon	326	886
13 Alto Vista	463	1,088	53 Cashero	144	802
14 Moko\Tanki Flip	329	908	54 Urataca	127	786
15 Tanki Leendert	347	925	55 Macuarima	272	709
16 Noord other	-	-	56 Balashi/Barcadera	246	693
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	437	953	61 Pos Chiquito	457	634
22 Eagle/Paardebaai	662	1,164	62 Jara/Seroe Alejandro	216	609
23 Madiki Kavel	520	563	63 De Bruynewijk	289	838
24 Madiki/Rancho	564	682	64 Cura Cabai	349	512
25 Paradijswijk/Sta.Helena	668	830	65 Savaneta	-	-
26 Socotoro/Rancho	673	701			
27 Ponton	451	861	<u>Region 7: San Nicolas-North</u>		
28 Companashi/Solito	350	822	71 Brasil	645	457
			72 Rooi Congo	450	659
<u>Region 3: Oranjestad-East</u>			73 Watapana Gezaag	225	652
31 Nassaustraat	971	620	74 Standardville/Rooi Hundo	208	578
32 Klip/Mon Plaisir	640	978	75 Kustbatterij	354	580
33 Sividivi	541	793	76 Juana Morto	469	428
34 Seroe Blanco/Cumana	423	963	77 San Nicolas-North other	-	-
35 Dakota/Potrero	404	712			
36 Tarabana	374	636	<u>Region 8: San Nicolas-South</u>		
37 Sabana Blanco/Mahuma	454	984	81 Zeewijk	342	621
38 Simeon Antonio	248	738	82 Pastoor Hendrikstraat	363	655
39 Oranjestad-East other	-	-	83 vd Veen Zeppenfeldstraat	700	495
			84 Village	726	315
<u>Region 4: Paradera</u>			85 Essoville	873	589
41 Shiribana	463	780	86 Lago/Esso Heights	362	484
42 Paradera	217	1,130	87 Seroe Colorado	1,727	787
43 Ayo	239	758	88 San Nicolas-South other	2	-
44 Piedra Plat	282	847			
45 Paradera other	-	-			





## H-C.1. Percentage of housing units in very poor condition

During the last ten years, the number of housing units continued to grow. In 2000, a total of 29,248 housing units were counted in the Population and Housing Census. During the 2010 Census a total of 34,845 housing units were counted. To ascertain the quality of construction of the living quarters, the enumerators were asked to assess the quality of the major elements (roof, ceiling, walls, floor, woodwork). The condition of every single element was determined to be either good, sufficient, poor, or very poor:

Good : the element is in good condition;

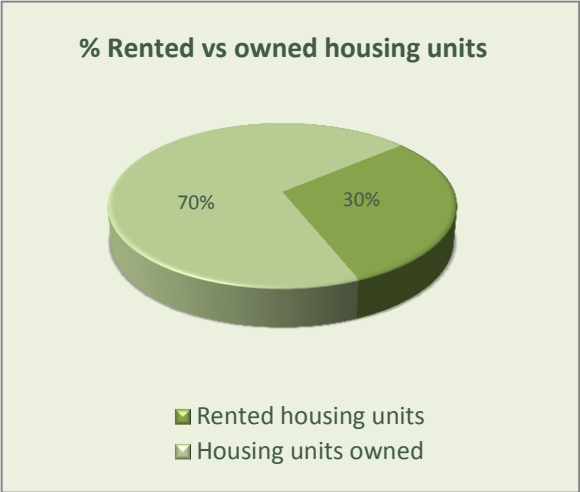
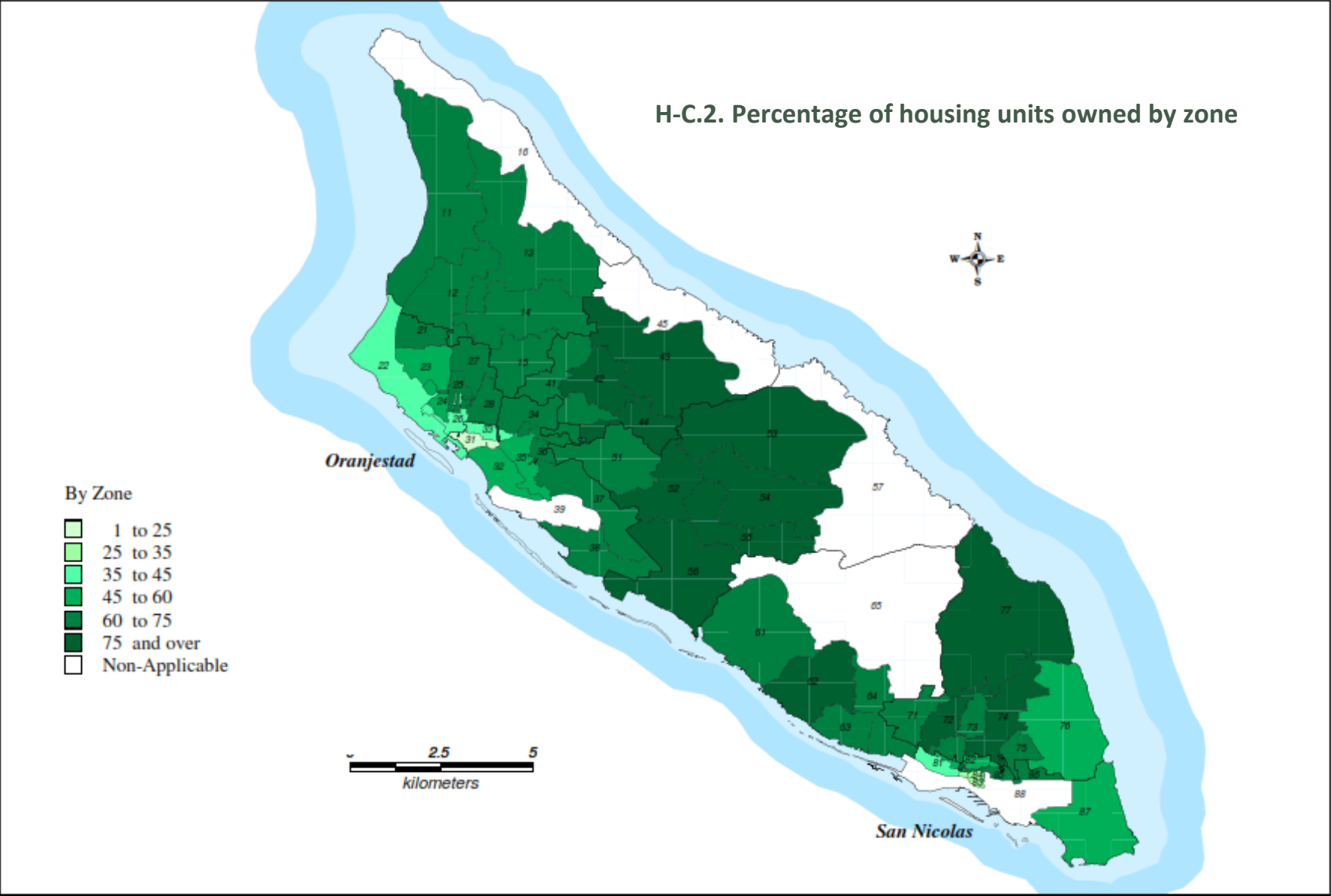
Sufficient: the element shows small deficiencies which can be repaired by normal maintenance;

Poor : the element shows major deficiencies which cannot be repaired by maintenance;

Very poor: significant parts of the element show very serious deficiencies which cannot be repaired anymore, but have to be replaced

Of the housing units counted during the 2010 Census, 945 (0.5%) were in a very poor condition. During the 2000 Census, the three highest percentages of housing units in a poor condition were in the old centers of Oranjestad and San Nicolas. In 'Nassaustraat', 'Socotoro/Rancho', and 'Kustbatterij' more than 15 percent of housing units were in a very poor condition. Looking at the results of the 2010 Census, we notice an enormous change in the condition of the housing units in 'Socotoro/Rancho' with 3.2% of housing units in very poor condition and 'Nassaustraat' with 3.8%. In San Nicolas we can observe that the zone 'Kustbatterij' went from 15.4% to 0.9% of housing units in very poor condition. Also Urataca went from 10.3% of the housing units being in poor condition in 2000 to 0.8% in 2010. The reason for these changes are not very clear. We should note that the evaluations were made by the enumerators and thus have a certain degree of subjectivity to them.

2000			2010		
2000			2010		
<u>Region 1: Noord/ Tanki Leendert</u>			<u>Region 5: Santa Cruz</u>		
	%			%	%
11 Palm Beach/Malmok	0.6	0.1	51 Hooiberg	3.2	0.6
12 Washington	2.2	0.1	52 Papilon	1.3	0.6
13 Alto Vista	3.1	0.5	53 Cashero	3.0	0.2
14 Moko\Tanki Flip	2.8	0.3	54 Urataca	10.3	0.8
15 Tanki Leendert	2.3	0.5	55 Macuarima	4.8	0.4
16 Noord other	-	0.0	56 Balashi/Barcadera	1.0	0.4
			57 Santa Cruz other	-	0.0
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	2.7	1.4	61 Pos Chiquito	1.7	0.4
22 Eagle/Paardebaai	0.0	0.0	62 Jara/Seroe Alejandro	1.0	1.8
23 Madiki Kavel	0.4	0.0	63 De Bruynewijk	1.6	0.0
24 Madiki/Rancho	0.6	0.6	64 Cura Cabai	6.9	1.0
25 Paradijswijk/Sta.Helena	0.5	0.3	65 Savaneta	-	0.0
26 Socotoro/Rancho	15.3	3.2			
27 Ponton	0.0	0.6	<u>Region 7: San Nicolas-North</u>		
28 Companashi/Solito	4.2	0.1	71 Brasil	3.2	0.3
<u>Region 3: Oranjestad-East</u>			72 Rooi Congo	0.6	0.1
31 Nassaustraat	23.1	3.8	73 Watapana Gezaag	0.9	0.2
32 Klip/Mon Plaisir	1.7	0.4	74 Standardville/Rooi Hundo	1.9	0.8
33 Sividivi	7.8	0.3	75 Kustbatterij	15.4	0.9
34 Seroe Blanco/Cumana	2.7	1.1	76 Juana Morto	2.1	1.4
35 Dakota/Potrero	2.8	0.5	77 San Nicolas-North other	-	0.0
36 Tarabana	1.3	0.2			
37 Sabana Blanco/Mahuma	2.2	0.0	<u>Region 8: San Nicolas-South</u>		
38 Simeon Antonio	7.2	0.3	81 Zeewijk	5.9	1.0
39 Oranjestad-East other	-	0.0	82 Pastoor Hendrikstraat	1.9	0.0
<u>Region 4: Paradera</u>			83 vd Veen Zeppenfeldstraat	0.9	0.0
41 Shiribana	5.6	0.8	84 Village	2.0	0.7
42 Paradera	2.4	0.3	85 Essoville	2.5	0.0
43 Ayo	2.1	0.1	86 Lago/Esso Heights	0.6	0.6
44 Piedra Plat	0.4	0.4	87 Seroe Colorado	4.3	0.0
45 Paradera other	-	0.0	88 San Nicolas-South other	-	0.0



## H-C.2. Percentage of housing units owned

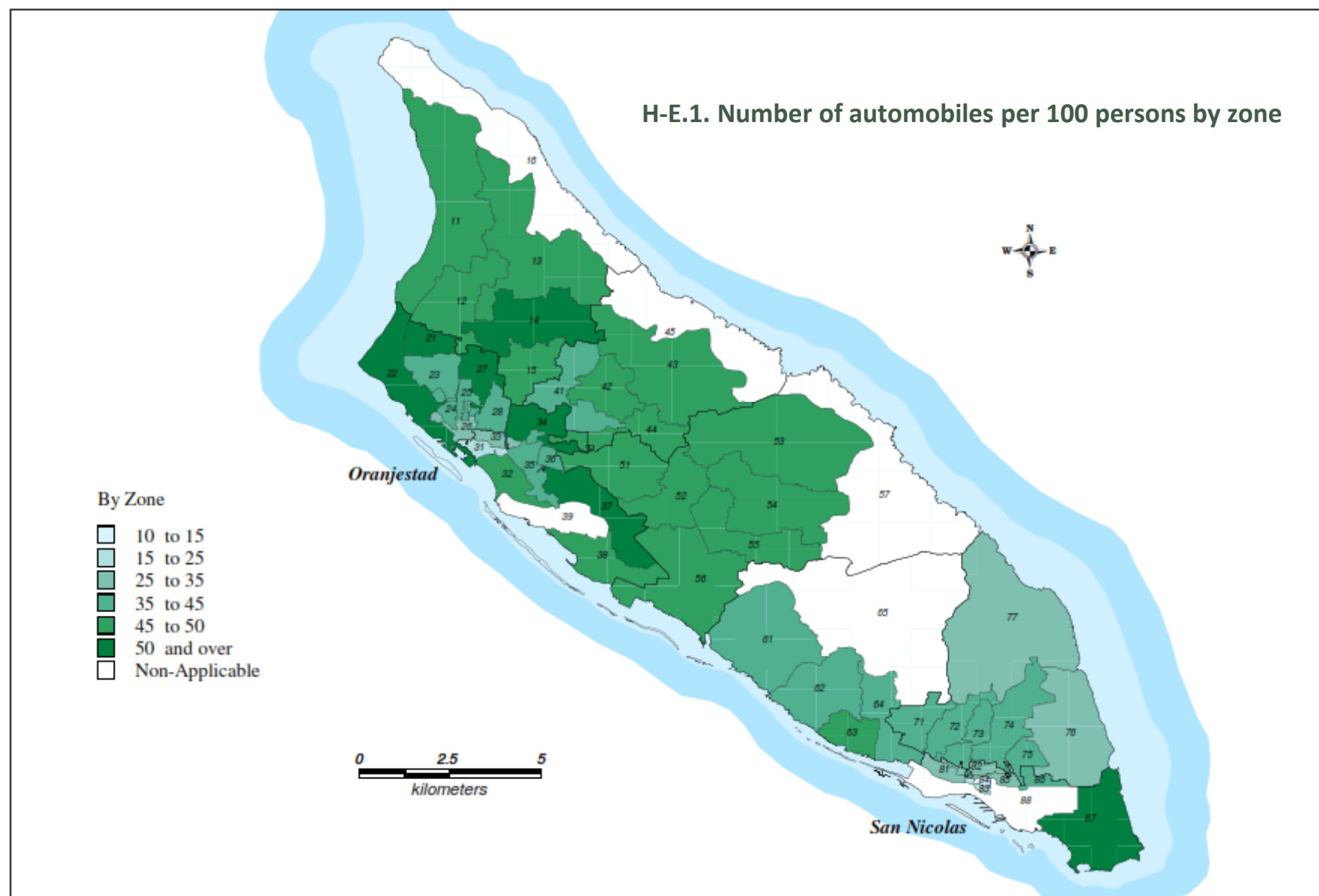
The 2010 Population and Housing Census indicated that the number of housing units stood at 34,845 of which 67% were owned by their tenants. Compared to the 2000 Census this is an increase of 2% points.

The formula used:

$$\frac{(\text{Number of housing units owned, in a particular zone})}{(\text{Total no. of housing units in a particular zone})} * 100$$

By observing the map we can see that in most zones there has been an increase in the number of tenants who are owners of their housing units. In some zones we also see a decrease in the ownership of the housing units. 'Eagle/Paardenbaai', 'Madiki Kavel', 'Socotoro/Rancho' and 'Madiki/Rancho', 'Nassaustraat' we see a drop of 5% points or more in ownership. The regions Paradera and Santa Cruz indicate the highest percentage of tenants that own their housing unit, compared to the rest of the regions. The zones with the lowest percentages of housing units in possession of the tenants are 'van de Veen Zeppenfeldstraat' and 'Village'. In 'Seroe Colorado' the percentage of ownership more than trippled from 17.1% of ownership in 2000 to 58.2% in 2010.

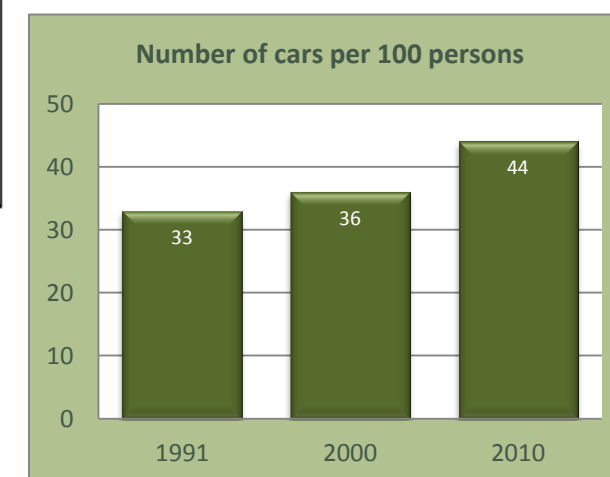
	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>	%	%	<u>Region 5: Santa Cruz</u>	%	%
11 Palm Beach/Malmok	67.2	70.2	51 Hooiberg	71.2	73.0
12 Washington	69.0	68.2	52 Papilon	72.5	78.5
13 Alto Vista	67.0	72.8	53 Cashero	82.7	82.1
14 Moko/Tanki Flip	66.5	66.4	54 Urataca	80.5	80.6
15 Tanki Leendert	64.8	62.6	55 Macuarima	76.4	80.2
16 Noord other	100.0	-	56 Balashi/Barcadera	73.7	76.9
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	64.8	71.0	61 Pos Chiquito	69.2	73.3
22 Eagle/Paardenbaai	48.0	43.8	62 Jara/Seroe Alejandro	73.2	76.2
23 Madiki Kavel	58.4	46.4	63 De Bruynewijk	72.2	74.4
24 Madiki/Rancho	51.1	46.6	64 Cura Cabai	67.6	60.4
25 Paradijswijk/Sta.Helena	63.4	63.8	65 Savaneta	-	-
26 Socotoro/Rancho	46.3	39.1			
27 Ponton	64.0	63.0	<u>Region 7: San Nicolas-North</u>		
28 Companashi/Solito	52.6	60.0	71 Brasil	55.2	61.9
			72 Rooi Congo	74.1	77.8
<u>Region 3: Oranjestad-East</u>			73 Watapana Gezaag	70.6	72.1
31 Nassaustraat	23.7	17.2	74 Standardville/Rooi Hundo	68.7	75.3
32 Klip/Mon Plaisir	66.3	59.4	75 Kustbatterij	66.0	71.2
33 Sividivi	47.4	43.4	76 Juana Morto	55.5	55.7
34 Seroe Blanco/Cumana	60.3	62.3	77 San Nicolas-North other	81.8	87.5
35 Dakota/Potrero	58.3	56.6			
36 Tarabana	68.3	74.7	<u>Region 8: San Nicolas-South</u>		
37 Sabana Blanco/Mahuma	70.6	74.4	81 Zeewijk	48.6	43.8
38 Simeon Antonio	58.6	66.9	82 Pastoor Hendrikstraat	61.6	56.7
			83 vd Veen Zeppenfeldstraat	35.2	27.4
39 Oranjestad-East other	-	-	84 Village	24.5	28.4
<u>Region 4: Paradera</u>			85 Essoville	51.5	60.3
41 Shiribana	68.5	71.2	86 Lago/Esso Heights	59.2	69.3
42 Paradera	79.2	82.1	87 Seroe Colorado	17.1	58.2
43 Ayo	72.8	77.1	88 San Nicolas-South other	-	-
44 Piedra Plat	79.2	80.9			
45 Paradera other	-	-			



Top 10 countries with lowest nr. cars per 100 persons	
Togo	0.2
Banglades	0.2
Sao Tome and Principe	0.2
Liberia	0.3
Somalia	0.3
Central Africa Republic	0.4
Rwanda	0.5
Mauritania	0.5
Guinea	0.5
Congo Democratic Republic	0.5

Top 10 countries with highest nr. of cars per 100 persons	
Monaco	90.8
USA	80.8
Liechtenstein	79.6
Luxembourg	74.9
Malta	74.3
Australia	73.0
Iceland	72.4
New Zealand	71.8
Brunei	69.6
Italy	69.0
<b>Aruba (p/hh)</b>	<b>44.1</b>

Source: Wikipedia, 2009, 2007 data



## H-E.1. Number of automobiles per 100 persons

In the Population Census, automobile ownership referred to the personal possession of a car by the occupants of the housing unit. Thus, commercial vehicles and official cars were not considered in the enumeration. Possession of a car can be considered as a good indicator of economic welfare. The number of private passenger cars on the island is impressive. In fact, there are more cars on the island than housing units. A total of 44,365 cars were counted during the 2010 Census, which means that there are 44 cars for every 100 citizens. During the 2000 Census the number of cars per 100 persons was 36.

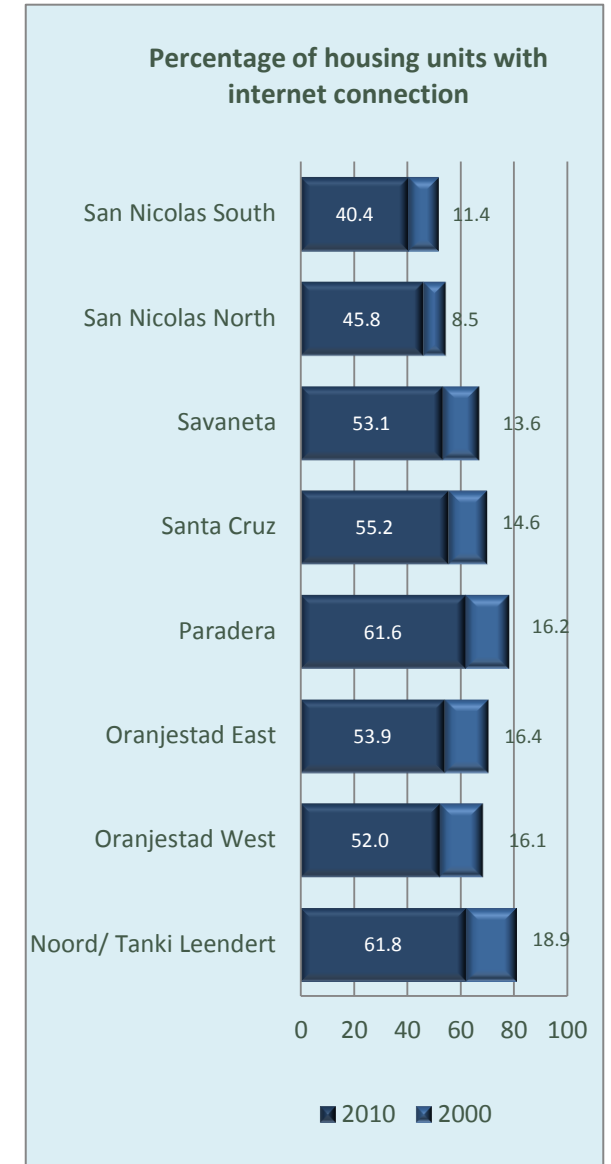
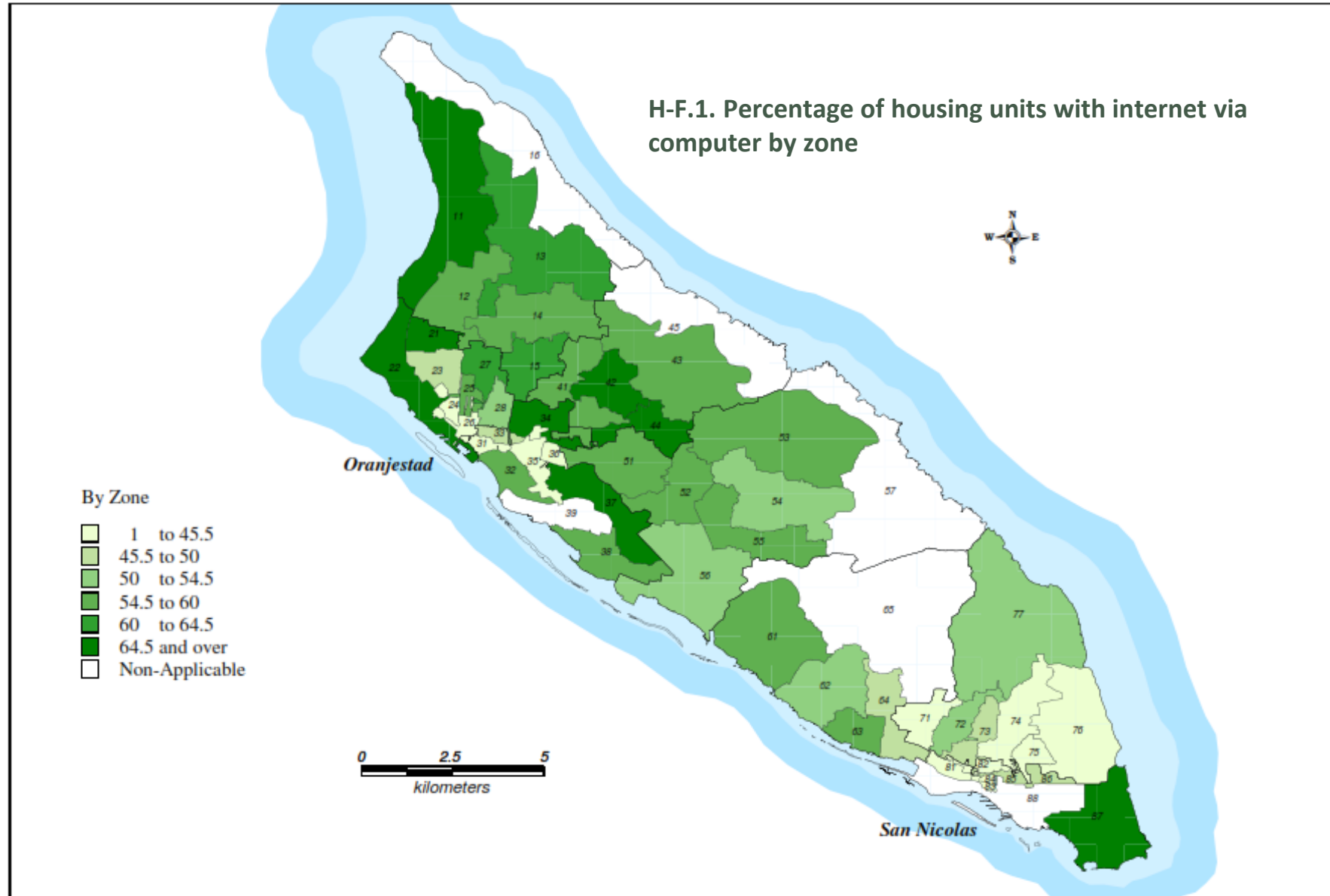
The formula we used to investigate the concentration of passenger cars on the island is as follows:

$$\frac{(\text{Number of passenger cars in a particular zone})}{(\text{Number of persons living in a particular zone})} * 100$$

The highest concentration of cars can be found in Seroe Colorado, where more than 65 cars are registered per 100 persons. This, in contrast to 'Village', where there are only 14 cars per 100 citizens. In 2010 car ownership has shown an increase in almost every zone compared to the year 2000.

The country registered with the lowest number of cars per 100 persons in 2008 was Togo (0.2 cars per 100 persons) and Monaco showed the highest number (86.3).

	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>	<u>Abs.</u>	<u>Abs.</u>	<u>Region 5: Santa Cruz</u>	<u>Abs.</u>	<u>Abs.</u>
11 Palm Beach/Malmok	38.0	48.4	51 Hooiberg	39.8	47.9
12 Washington	39.8	48.6	52 Papon	40.9	46.9
13 Alto Vista	40.6	49.8	53 Cashero	37.3	45.0
14 Moko\Tanki Flip	40.6	50.1	54 Urataca	37.4	46.6
15 Tanki Leendert	39.6	48.4	55 Macuarima	35.6	46.3
16 Noord other	100.0	-	56 Balashi/Barcadera	38.8	47.4
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	39.5	50.4	61 Pos Chiquito	35.2	42.8
22 Eagle/Paardebai	45.9	51.3	62 Jara/Seroe Alejandro	39.5	45.0
23 Madiki Kavel	33.0	37.4	63 De Bruynewijk	40.1	47.2
24 Madiki/Rancho	26.1	35.6	64 Cura Cabai	32.9	41.2
25 Paradijswijk/Sta.Helena	38.6	44.0	65 Savaneta	-	-
26 Socotoro/Rancho	25.0	31.2	<u>Region 7: San Nicolas-North</u>		
27 Ponton	44.1	50.3	71 Brasil	30.8	38.3
28 Companashi/Solito	38.2	42.3	72 Rooi Congo	35.5	42.4
<u>Region 3: Oranjestad-East</u>			73 Watapana Gezaag	31.1	39.8
31 Nassastraat	23.9	23.1	74 Standardville/Rooi Hundo	31.7	39.2
32 Klip/Mon Plaisir	41.6	48.3	75 Kustbatterij	29.0	35.5
33 Sividivi	28.8	33.9	76 Juana Morto	25.6	25.5
34 Seroe Blanco/Cumana	40.6	50.7	77 San Nicolas-North other	35.7	27.5
35 Dakota/Potrero	33.9	38.3	<u>Region 8: San Nicolas-South</u>		
36 Tarabana	30.0	38.0	81 Zeewijk	24.5	31.7
37 Sabana Blanco/Mahuma	40.6	50.1	82 Pastoor Hendrikstraat	27.3	33.5
38 Simeon Antonio	40.7	46.8	83 vd Veen Zeppenfeldstraat	20.1	21.1
39 Oranjestad-East other	-	-	84 Village	11.0	14.7
<u>Region 4: Paradera</u>			85 Essoville	25.3	32.0
41 Shiribana	41.3	44.7	86 Lago/Esso Heights	29.8	39.0
42 Paradera	39.3	49.9	87 Seroe Colorado	53.5	65.4
43 Ayo	39.5	46.4	88 San Nicolas-South other	17.5	-
44 Piedra Plat	41.2	48.8			
45 Paradera other	-	-			



## H-F.1. Percentage of housing units with internet connection (via computer)

In the 2010 Population and Housing Census, information on amenities in the home was asked at a household level and not at an individual level. Access to the internet is an important indicator of the social-economic position of a household. In order to have access to the internet, the household needs both at least one computer and at least one person in the household with basic knowledge of how to operate a computer.

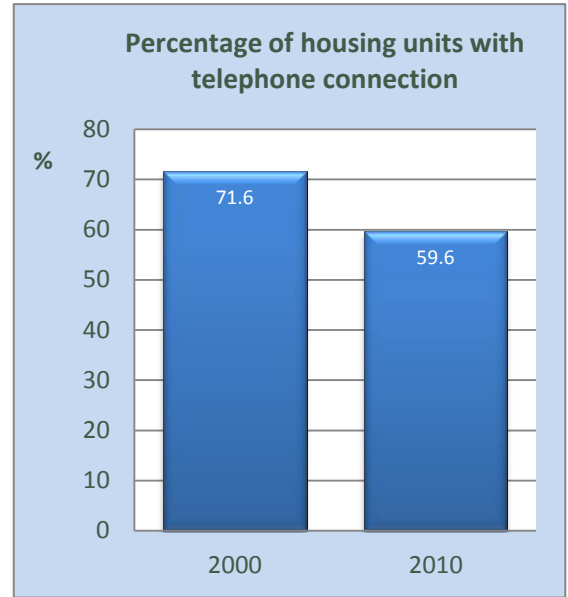
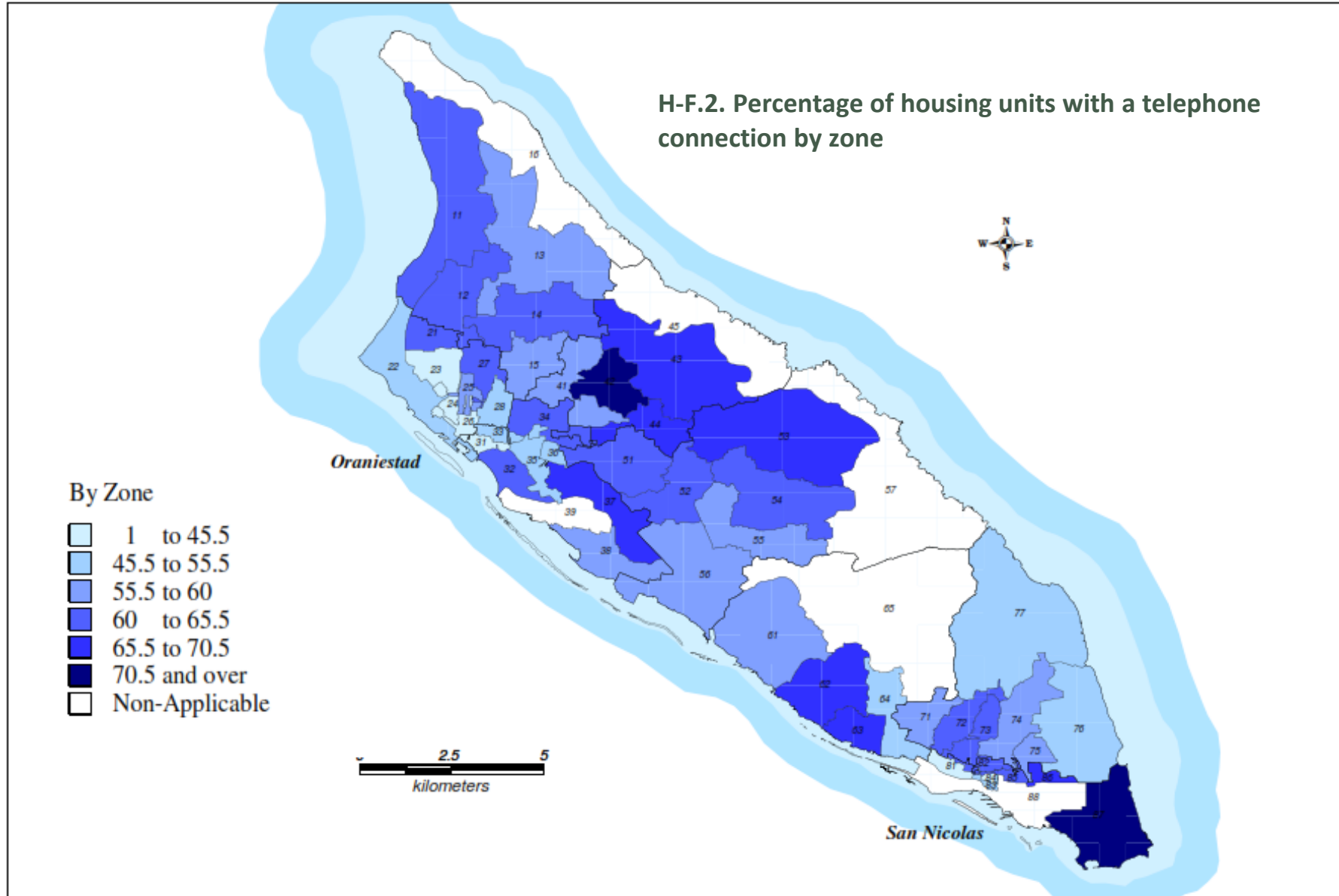
The following formula was used:

$$\frac{\text{(Number of housing units with internet connection a particular zone)}}{\text{(Total number of housing units living in a particular)}} \times 100$$

While according to the 2000 Census just 15% of the population of Aruba was connected to the internet at home, in 2010, these numbers more than trippled to 57.7%. In all but one zone, a growth of well over 100% in internet connections was reported. Many areas saw their numbers double or tripple, while the zone with the most impressive increase is 'Juana Morto'. The area shows an increase of almost 1700% of internet connections over the past 10 years.

	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>	%	%	<u>Region 5: Santa Cruz</u>	%	%
11 Palm Beach/Malmok	22.0	66.2	51 Hooiberg	19.1	58.0
12 Washington	19.7	59.1	52 Papilon	17.0	57.3
13 Alto Vista	19.4	61.3	53 Cashero	8.7	56.0
14 Moko\Tanki Flip	16.9	59.6	54 Urataca	10.6	52.1
15 Tanki Leendert	15.6	61.6	55 Macuarima	13.3	54.6
16 Noord other	100.0	-	56 Balashi/Barcadera	14.9	50.7
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	18.8	67.1	61 Pos Chiquito	13.1	54.7
22 Eagle/Paardebaai	29.9	73.1	62 Jara/Seroe Alejandro	12.8	52.2
23 Madiki/Kavel	14.2	45.9	63 De Bruynewijk	19.4	58.1
24 Madiki/Rancho	9.0	41.7	64 Cura Cabai	10.5	46.1
25 Paradijswijk/Sta.Helena	18.4	58.7	65 Savaneta	-	-
26 Socotoro/Rancho	6.0	37.1			
27 Ponton	26.4	63.0	<u>Region 7: San Nicolas-North</u>		
28 Companashi/Solito	19.2	51.4	71 Brasil	8.1	43.6
			72 Rooi Congo	12.2	54.1
<u>Region 3: Oranjestad-East</u>			73 Watapana Gezaag	9.3	47.4
31 Nassaustraat	5.7	27.6	74 Standardville/Rooi Hundo	7.2	40.6
32 Klip/Mon Plaisir	27.2	59.6	75 Kustbatterij	7.6	41.5
33 Sividivi	14.7	45.5	76 Juana Morto	2.4	43.1
34 Seroe Blanco/Cumana	23.0	66.4	77 San Nicolas-North other	-	50.0
35 Dakota/Potrero	8.2	40.7			
36 Tarabana	9.0	44.6	<u>Region 8: San Nicolas-South</u>		
37 Sabana Blanco/Mahuma	23.1	69.5	81 Zeewijk	4.0	27.1
38 Simeon Antonio	15.6	55.4	82 Pastoor Hendrikstraat	12.1	44.9
39 Oranjestad-East other	-	-	83 vd Veen Zeppenfeldstraat	5.6	25.0
			84 Village	2.3	16.4
<u>Region 4: Paradera</u>			85 Essoville	9.8	49.1
41 Shiribana	18.1	57.9	86 Lago/Esso Heights	12.0	49.3
42 Paradera	16.4	65.3	87 Seroe Colorado	51.4	88.6
43 Ayo	16.0	58.7	88 San Nicolas-South other	4.3	-
44 Piedra Plat	14.1	67.8			
45 Paradera other	-	-			





**The top 5 zones showing decrease in housing units with telephone connection**

Highest decrease	
Zone	% points
San Nicolas-North other	40.9
Eagle/Paardebai	23.0
Sivdivi	20.6
Nassastraat	20.5
Simeon Antonio	20.5

**Lowest decrease**

Zone	% points
Juana Morto	1.8
vd Veen Zeppenfeldstraat	2.2
Moko\Tanki Flip	3.5
Sabana Blanco/Mahuma	4.7
Lago/Esso Heights	5.9

## H-F.2. Percentage housing units with telephone connection

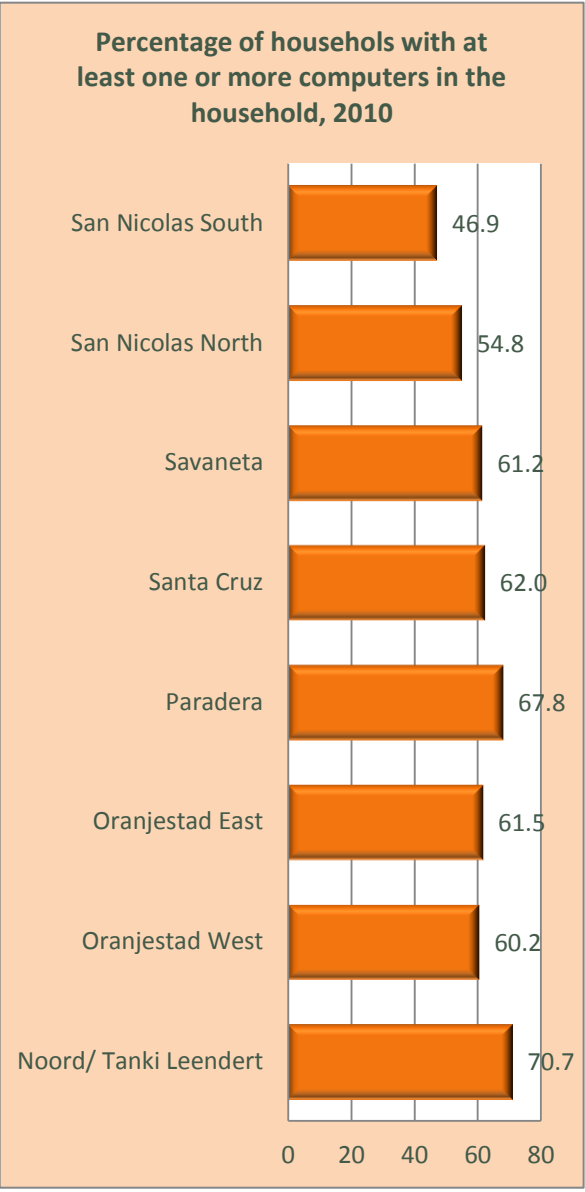
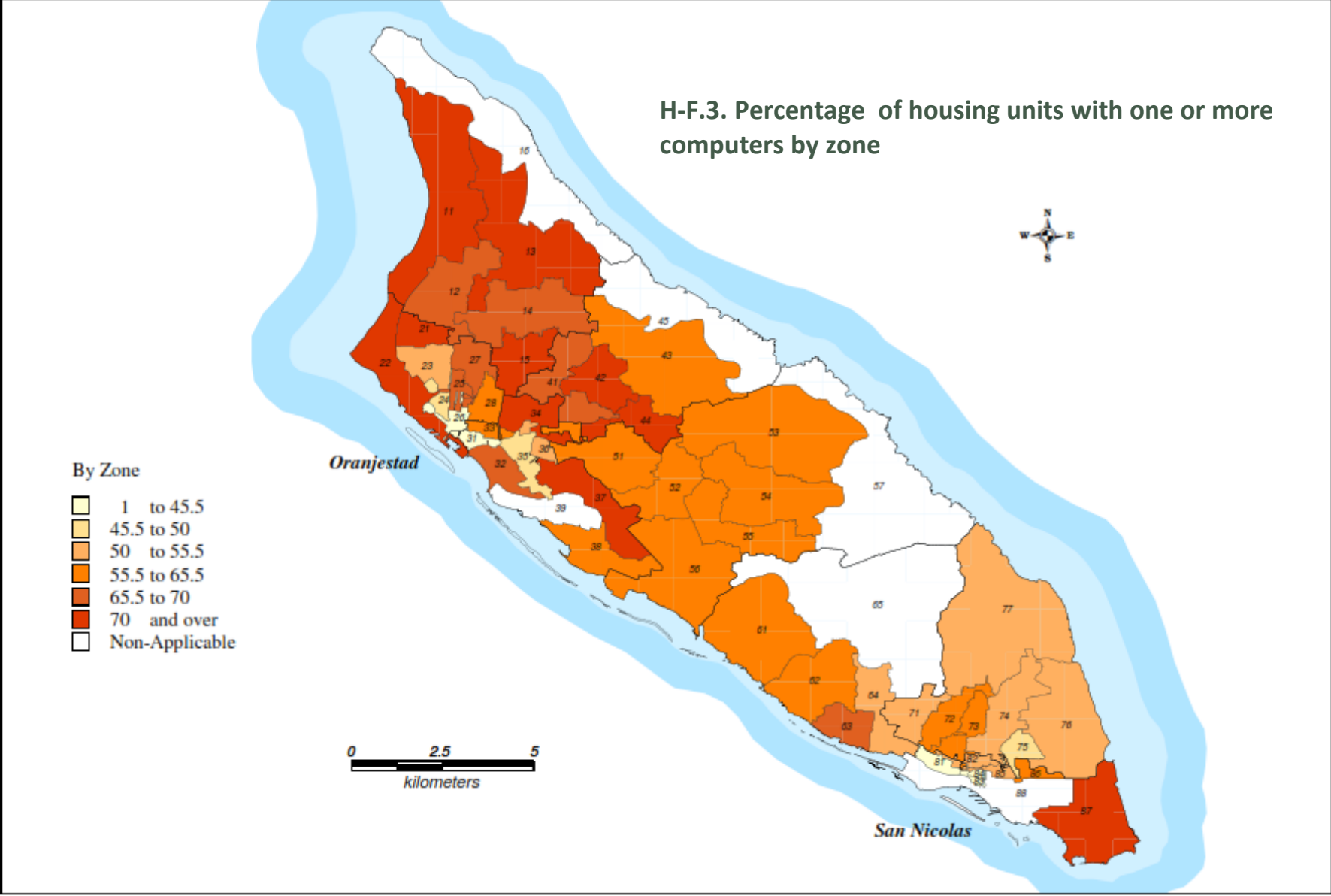
Comparing the percentage of housing units that indicated having a fixed telephone connection in 2000 with that in 2010, we notice a drop of 12% points. According to the 2000 Census 71.6% of the housing units indicated that they had a fixed telephone connection. The last 10 years the numbers dropped to 59.6%. The reason for the decrease could be because of the growing number of households owning at least one cellular phone.

The following formula was used:

$$\frac{\text{(Number of housing units with telephone connection, in a particular zone)}}{\text{(Total number of housing units in a particular zone)}} * 100$$

It is interesting to see that every single zone in Aruba showed a decrease in the percentages of households with a fixed telephone connection. A total of 17 zones show a decrease of 20% or more of households with a telephone connection. In Oranjestad the zone that dropped the most is 'Nassaustraat', with the lowest percentage overall of 31% of households with fixed telephone connection.

	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>			<u>Region 5: Santa Cruz</u>		
	%	%		%	%
11 Palm Beach/Malmok	72.7	64.5	51 Hooiberg	77.3	62.9
12 Washington	71.8	61.8	52 Papon	78.1	62.9
13 Alto Vista	70.7	57.9	53 Cashero	72.2	66.0
14 Moko\Tanki Flip	65.7	62.1	54 Urataca	73.3	60.9
15 Tanki Leendert	67.3	57.1	55 Macuarima	74.7	59.4
16 Noord other	100.0	-	56 Balashi/Barcadera	70.5	59.3
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	70.6	64.4			
22 Eagle/Paardebai	78.0	55.0	61 Pos Chiquito	71.8	59.1
23 Madiki Kavel	64.0	44.1	62 Jara/Seroe Alejandro	81.0	66.3
24 Madiki/Rancho	54.3	42.3	63 De Bruynewijk	80.4	69.4
25 Paradijswijk/Sta.Helena	76.5	59.2	64 Cura Cabai	73.1	54.2
26 Socotoro/Rancho	56.7	43.0	65 Savaneta	-	-
27 Ponton	70.5	62.0			
28 Companashi/Solito	67.1	55.3	<u>Region 7: San Nicolas-North</u>		
<u>Region 3: Oranjestad-East</u>			71 Brasil	74.1	57.7
31 Nassaustraat	51.5	31.0	72 Rooi Congo	79.7	65.3
32 Klip/Mon Plaisir	71.5	64.0	73 Watapana Gezaag	73.7	62.5
33 Sividivi	71.3	50.7	74 Standardville/Rooi Hundo	74.0	59.2
34 Seroe Blanco/Cumana	72.8	64.4	75 Kustbatterij	66.2	59.6
35 Dakota/Potrero	71.2	53.2	76 Juana Morto	53.8	52.0
36 Tarabana	71.5	53.0	77 San Nicolas-North other	90.9	50.0
37 Sabana Blanco/Mahuma	72.2	67.5			
38 Simeon Antonio	76.2	55.7	<u>Region 8: San Nicolas-South</u>		
39 Oranjestad-East other	-	-			
			81 Zeewijk	57.3	44.8
<u>Region 4: Paradera</u>			82 Pastoor Hendrikstraat	76.2	65.1
41 Shiribana	70.8	58.2	83 vd Veen Zeppenfeldstraat	54.6	52.4
42 Paradera	80.3	70.5	84 Village	54.3	41.8
43 Ayo	78.2	65.9	85 Essoville	74.4	62.4
44 Piedra Plat	80.5	69.7	86 Lago/Esso Heights	74.6	68.7
45 Paradera other	-	-	87 Seroe Colorado	90.0	77.2
			88 San Nicolas-South other	100.0	-



### H-F.3. Percentage of housing units with at least one computer

Computer ownership is an important indicator of social status and development. The 2000 Census indicated that 37% of all households had at least one computer. If we look at the numbers from the 2010 Census, we can see that almost twice as many households have at least one computer. Comparing the computer ownership of households with Aruban-born persons to those consisting of foreign-born persons, we can conclude that, in 2010, 62% of both these households indicated having at least one computer.

The formula used:

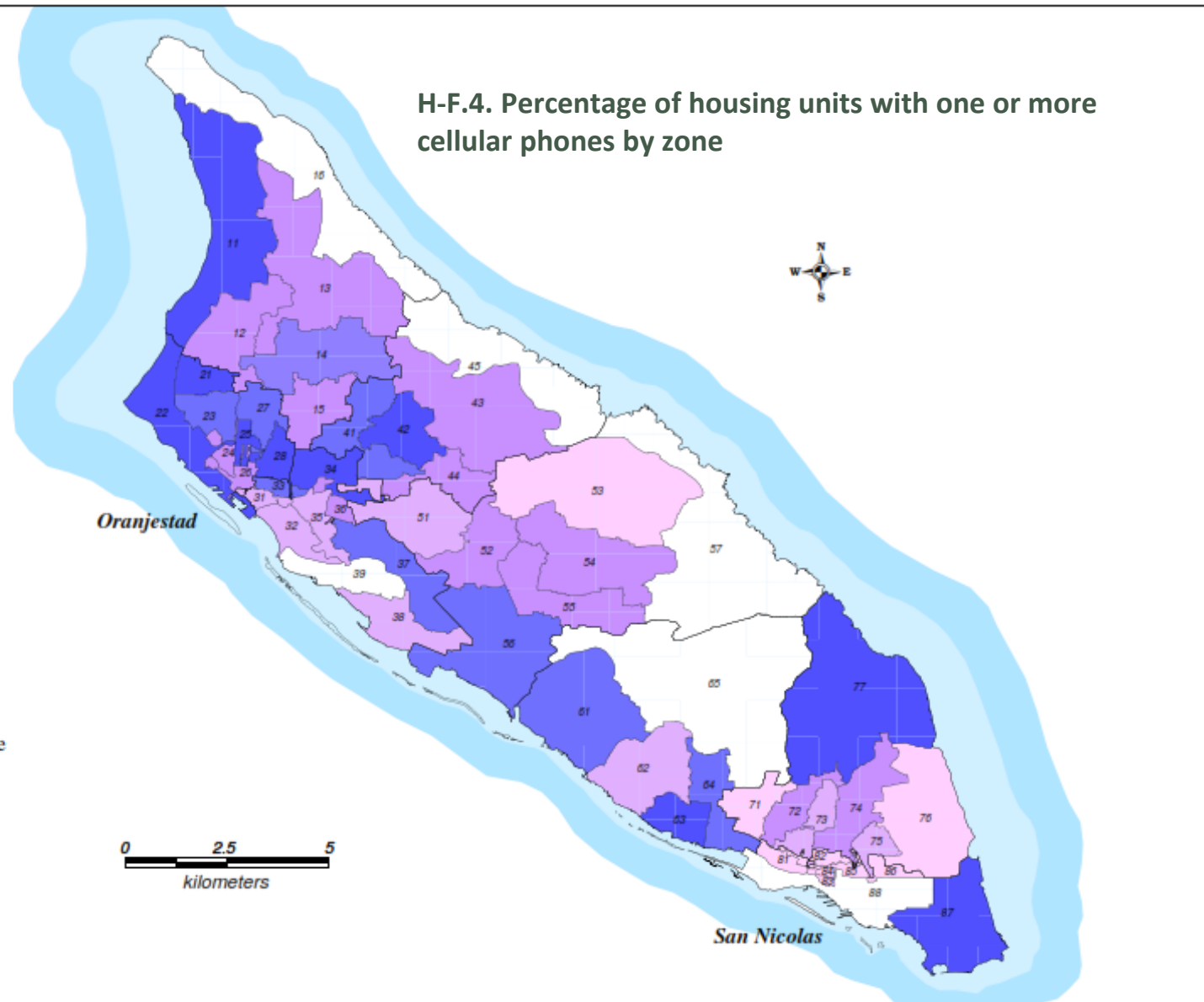
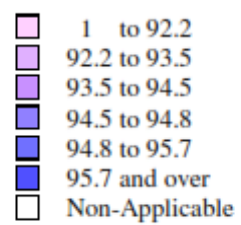
$$\frac{(\text{Number of housing units with at least one computer, in a particular zone})}{(\text{Total number of housing units in a particular zone})} * 100$$

The enormous increase of computer owners is very obvious in all the zones over the island. Most areas saw the computer ownerships double or tripple. In the region of Oranjestad, we can observe that 'Socotoro/Rancho' and 'Nassaustraat' showed the biggest growth of more than 165% each. In the area of San Nicolas the two zones with the highest growth numbers are 'The Village' and 'Standardville/Rooi Hundo'. Although the 'Village' shows an increase of 140% in computer ownership, it still has the lowest percentage on the island of households with at least one computer. This area also has the the second highest number of unemployed persons.

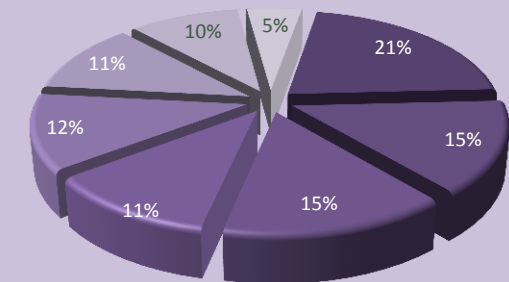
	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>	%	%	<u>Region 5: Santa Cruz</u>	%	%
11 Palm Beach/Malmok	41.0	75.0	51 Hooiberg	40.0	65.5
12 Washington	38.0	67.3	52 Papilon	35.0	63.1
13 Alto Vista	37.0	71.0	53 Cashero	29.0	63.1
14 Moko\Tanki Flip	34.0	68.4	54 Urataca	28.0	58.5
15 Tanki Leendert	32.0	70.4	55 Macuarima	29.0	61.0
16 Noord other	-	-	56 Balashi/Barcadera	28.0	58.0
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	37.0	76.5	61 Pos Chiquito	32.0	64.0
22 Eagle/Paardebaai	44.0	75.6	62 Jara/Seroe Alejandro	31.0	57.7
23 Madiki Kavel	30.0	54.6	63 De Bruynewijk	38.0	65.9
24 Madiki/Rancho	22.0	48.4	64 Cura Cabai	31.0	54.5
25 Paradijswijk/Sta.Helena	37.0	66.9	65 Savaneta	-	-
26 Socotoro/Rancho	17.0	45.3			
27 Ponton	44.0	67.7	<u>Region 7: San Nicolas-North</u>		
28 Companashi/Solito	31.0	63.9	71 Brasil	22.0	54.0
			72 Rooi Congo	29.0	61.6
<u>Region 3: Oranjestad-East</u>			73 Watapana Gezaag	24.0	57.2
31 Nassaustraat	12.0	32.3	74 Standardville/Rooi Hundo	21.0	54.2
32 Klip/Mon Plaisir	40.0	69.6	75 Kustbatterij	23.0	46.3
33 Sividivi	26.0	57.2	76 Juana Morto	0.0	50.6
34 Seroe Blanco/Cumana	38.0	72.3	77 San Nicolas-North other	-	50.0
35 Dakota/Potrero	20.0	47.9			
36 Tarabana	26.0	54.4	<u>Region 8: San Nicolas-South</u>		
37 Sabana Blanco/Mahuma	43.0	76.1	81 Zeewijk	15.0	36.2
38 Simeon Antonio	33.0	62.7	82 Pastoor Hendrikstraat	25.0	52.6
39 Oranjestad-East other	-	-	83 vd Veen Zeppenfeldstraat	13.0	29.8
			84 Village	9.0	22.4
<u>Region 4: Paradera</u>			85 Essoville	23.0	54.2
41 Shiribana	36.0	66.0	86 Lago/Esso Heights	29.0	55.7
42 Paradera	39.0	70.7	87 Seroe Colorado	69.0	93.7
43 Ayo	36.0	64.2	88 San Nicolas-South other	-	-
44 Piedra Plat	38.0	72.8			
45 Paradera other	-	-			

H-F.4. Percentage of housing units with one or more cellular phones by zone

By Zone



Percentage of households with 1 or more mobile phones



■ Noord/ Tanki Leendert  
■ Oranjestad West  
■ Oranjestad East

#### H-F.4. Percentage households with 1 or more cellular phones

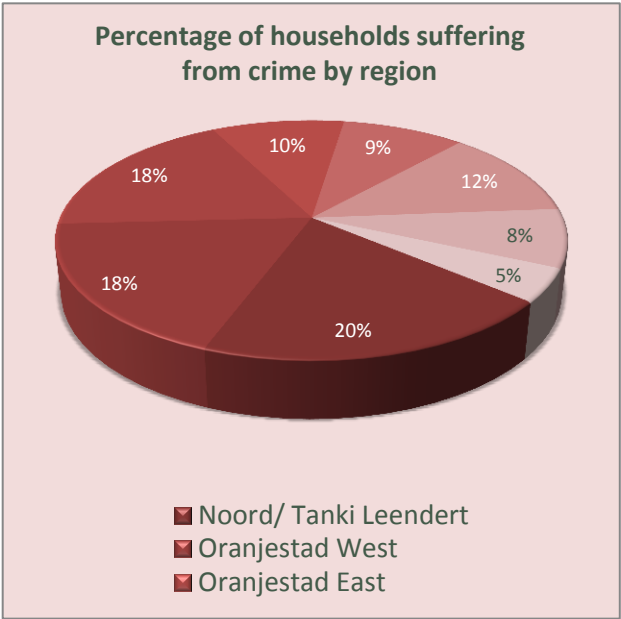
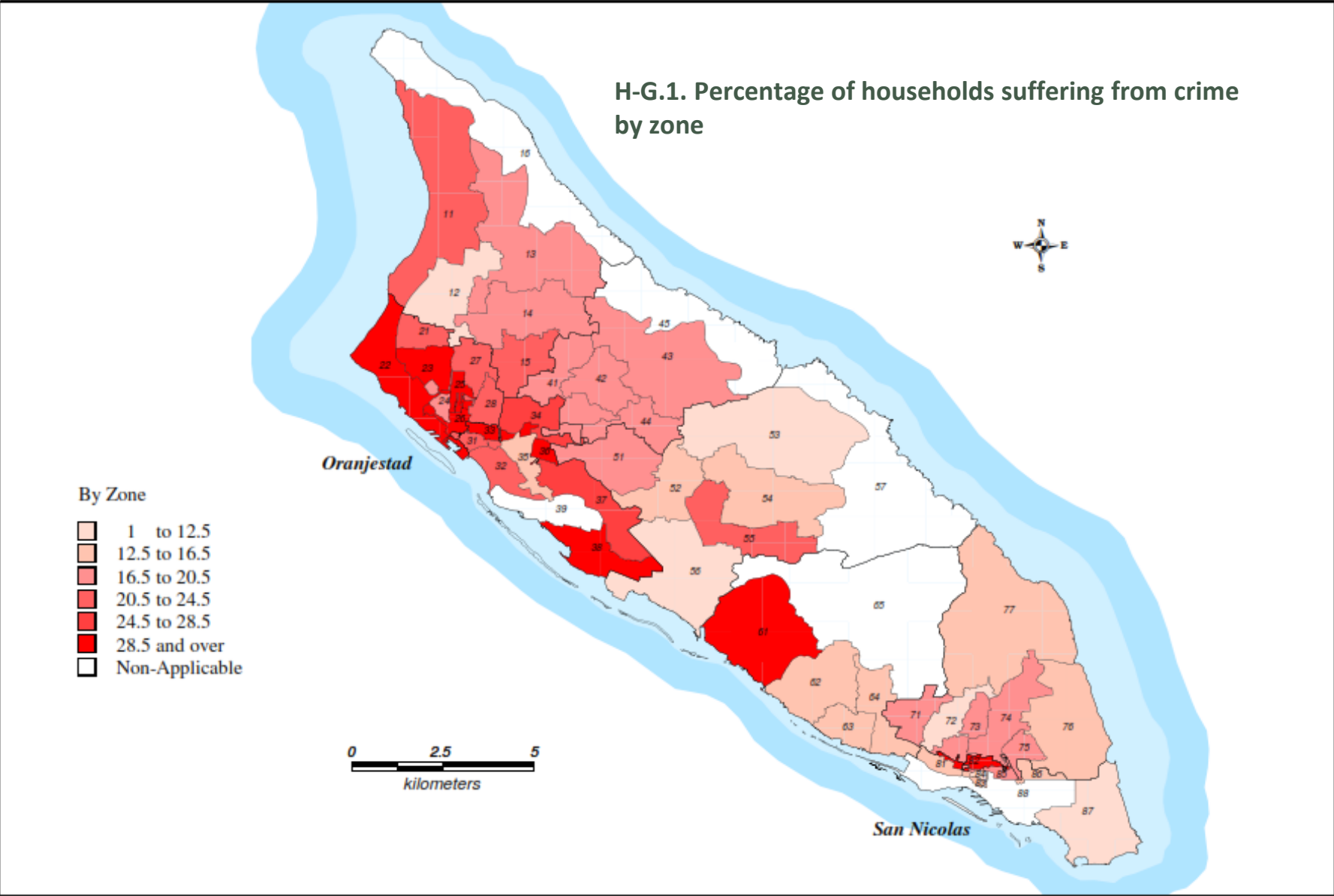
Unfortunately the question about housing units possessing one or more cellular phones was not included in the questionnaire of the 2000 Census. Because of that, comparison is not possible with the 2000 Census results. Having a cellular phone has become a norm instead of a luxury. The map gives a clear reflection of this statement. This question was not asked on the personal forms, but instead on the housing form, to get an indication of how many households have access to mobile telecommunication.

Formula used:

$$\frac{(\text{Number of housing units with one or more cellular phones, in a particular zone})}{(\text{Total number of housing units in a particular zone})} * 100$$

All but three zones show that over 90% of all households have access to at least one cellular phone. Although there is no comparison possible with the 2000 Census, the map gives a clear indication of the mobile accessibility of the households in Aruba. The area of 'Eagle/Paardenbaai' has the highest percentage of housing units with at least one cellular phone (98.1%). The 'Village' in the San Nicolas area has the lowest percentage of housing units with at least one cellular phone in the home, with 82.3%. These high percentages of mobile telecommunication accessibility of the households in Aruba could be the reason for the overall decrease in fixed telephone connections in households (map H-F.2.).

2010		2010	
<u>Region 1: Noord/ Tanki Leendert</u>		<u>Region 5: Santa Cruz</u>	
	%		%
11 Palm Beach/Malmok	96.5	51 Hooiberg	92.2
12 Washington	94.5	52 Papilon	93.6
13 Alto Vista	94.2	53 Cashero	92.0
14 Moko/Tanki Flip	94.6	54 Urataca	93.5
15 Tanki Leendert	94.4	55 Macuarima	94.5
16 Noord other	-	56 Balashi/Barcadera	95.5
		57 Santa Cruz other	-
<u>Region 2: Oranjestad-West</u>		<u>Region 6: Savaneta</u>	
21 Pos Abao/Cunucu Abao	96.7	61 Pos Chiquito	95.6
22 Eagle/Paardebaai	98.1	62 Jara/Seroe Alejandro	93.3
23 Madiki Kavel	95.3	63 De Bruynewijk	96.8
24 Madiki/Rancho	94.4	64 Cura Cabai	95.6
25 Paradijswijk/Sta.Helena	95.7	65 Savaneta	-
26 Socotoro/Rancho	93.6		
27 Ponton	95.2	<u>Region 7: San Nicolas-North</u>	
28 Companashi/Solito	95.8	71 Brasil	91.8
		72 Rooi Congo	94.0
<u>Region 3: Oranjestad-East</u>		73 Watapana Gezaag	93.2
31 Nassaustraat	93.4	74 Standardville/Rooi Hundo	93.6
32 Klip/Mon Plaisir	92.9	75 Kustbatterij	93.3
33 Sividivi	94.8	76 Juana Morto	91.1
34 Seroe Blanco/Cumana	96.3	77 San Nicolas-North other	100.0
35 Dakota/Potrero	93.1		
36 Tarabana	94.4	<u>Region 8: San Nicolas-South</u>	
37 Sabana Blanco/Mahuma	95.2	81 Zeewijk	91.4
38 Simeon Antonio	92.7	82 Pastoor Hendrikstraat	87.8
39 Oranjestad-East other	-	83 vd Veen Zeppenfeldstraat	85.7
		84 Village	82.3
<u>Region 4: Paradera</u>		85 Essoville	90.3
41 Shiribana	95.6	86 Lago/Esso Heights	91.7
42 Paradera	95.9	87 Seroe Colorado	97.5
43 Ayo	93.8	88 San Nicolas-South other	-
44 Piedra Plat	94.5		
45 Paradera other	-		



Top 5 zones with highest percentage of households suffering from crime		
	2010	2000
Simeon Antonio	47.8	13.4
Eagle/Paardebai	34.4	25.2
Socotoro/Rancho	33.5	37.2
Pos Chiquito	31.2	19.6
Sividivi	31.0	38.6

Top 5 zones with lowest percentage of households suffering from crime		
	2010	2000
Balashi/Barcadera	10.3	4.0
Cashero	10.8	29.4
Rooi Congo	10.9	11.2
Seroe Colorado	11.4	8.6
Village	12.0	23.2



## H-G.1. Percentage of households suffering from crime

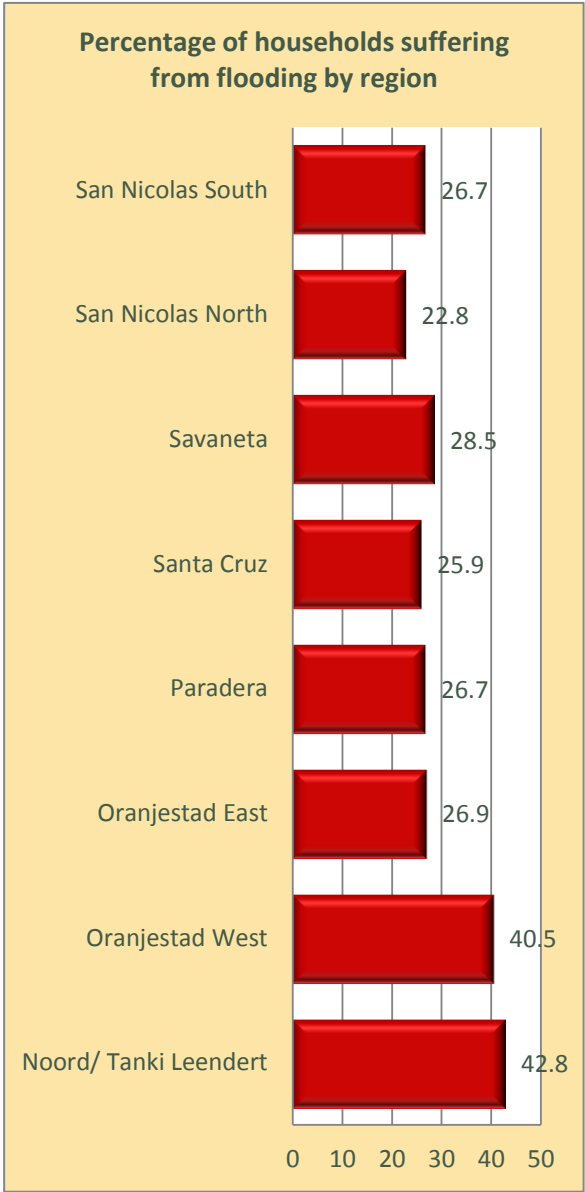
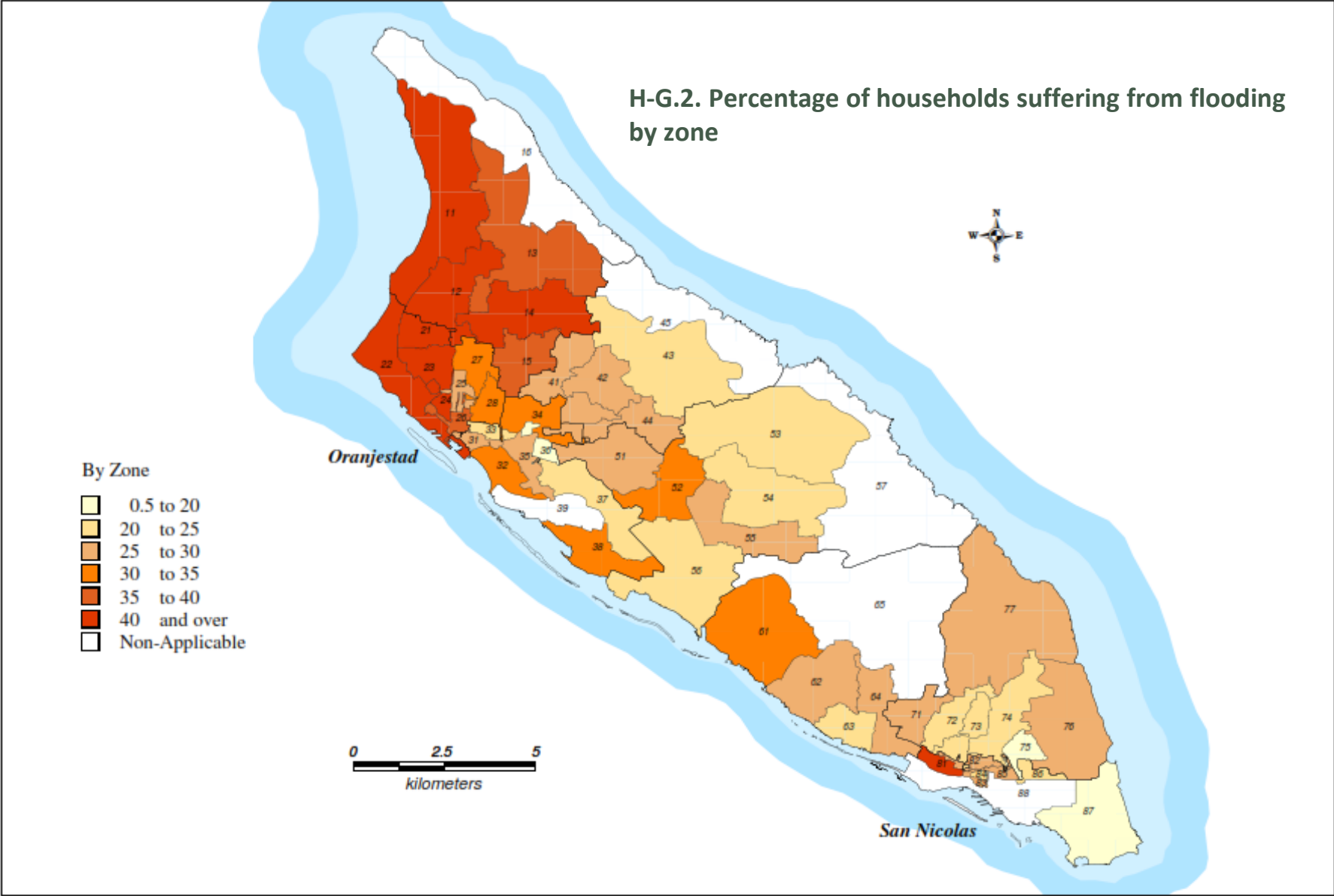
During the 2010 Census, a question was asked on whether someone in the household suffered from any inconvenience related to crime in the neighborhood. The percentages shown in the map refer to the number of households that indicated suffering from such inconveniences and does not reflect to the number of persons suffering from them.

The formula used:

$$\frac{\text{(Total number of households suffering from crime, in a particular zone)}}{\text{(Total no. of non-collective households in a particular zone)}} * 100$$

Out of a total of 34,845 non-collective households, 20% indicated that they suffered from the inconvenience of crime in their neighborhood. Compared to the year 2000 (15.9%) it is obvious that during the last 10 years more household indicated that they suffer from crime in their living area. Most areas have seen an increase in the numbers of households complaining about crime in their respective neighborhoods.

	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>			<u>Region 5: Santa Cruz</u>		
	%	%		%	%
11 Palm Beach/Malmok	15.4	22.6	51 Hooiberg	9.6	20.0
12 Washington	9.9	12.1	52 Papilon	11.6	13.9
13 Alto Vista	10.8	19.8	53 Cashero	29.4	10.8
14 Moko\Tanki Flip	16.3	17.3	54 Urataca	10.1	14.9
15 Tanki Leendert	25.3	21.3	55 Macuarima	7.9	23.3
16 Noord other	-	-	56 Balashi/Barcadera	4.0	10.3
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	10.2	21.5	61 Pos Chiquito	19.6	31.2
22 Eagle/Paardebai	25.2	34.4	62 Jara/Seroe Alejandro	4.4	13.4
23 Madiki Kavel	10.9	29.4	63 De Bruynewijk	7.4	15.6
24 Madiki/Rancho	16.3	20.0	64 Cura Cabai	13.1	15.0
25 Paradijswijk/Sta.Helena	22.3	30.4	65 Savaneta	-	-
26 Socotoro/Rancho	37.2	33.5			
27 Ponton	24.3	20.5	<u>Region 7: San Nicolas-North</u>		
28 Companashi/Solito	17.5	22.7	71 Brasil	12.6	17.1
			72 Rooi Congo	11.2	10.9
<u>Region 3: Oranjestad-East</u>			73 Watapana Gezaag	10.4	19.8
31 Nassastraat	39.8	23.8	74 Standardville/Rooi Hundo	11.6	16.9
32 Klip/Mon Plaisir	27.8	22.5	75 Kustbatterij	22.3	19.3
33 Sividivi	38.6	31.0	76 Juana Morto	17.9	14.1
34 Seroe Blanco/Cumana	13.5	24.5	77 San Nicolas-North other	18.2	12.5
35 Dakota/Potrero	15.2	13.1			
36 Tarabana	17.1	29.8	<u>Region 8: San Nicolas-South</u>		
37 Sabana Blanco/Mahuma	17.3	28.4	81 Zeewijk	27.3	15.2
38 Simeon Antonio	13.4	47.8	82 Pastoor Hendrikstraat	30.3	30.1
39 Oranjestad-East other	-	-	83 vd Veen Zeppenfeldstraat	23.1	14.3
			84 Village	23.2	12.0
<u>Region 4: Paradera</u>			85 Essoville	23.2	18.8
41 Shiribana	9.0	18.0	86 Lago/Esso Heights	9.2	13.6
42 Paradera	8.1	16.7	87 Seroe Colorado	8.6	11.4
43 Ayo	6.8	19.1	88 San Nicolas-South other	4.3	-
44 Piedra Plat	11.2	19.1			
45 Paradera other	-	-			



## H-G.2. Percentage of households suffering from flooding

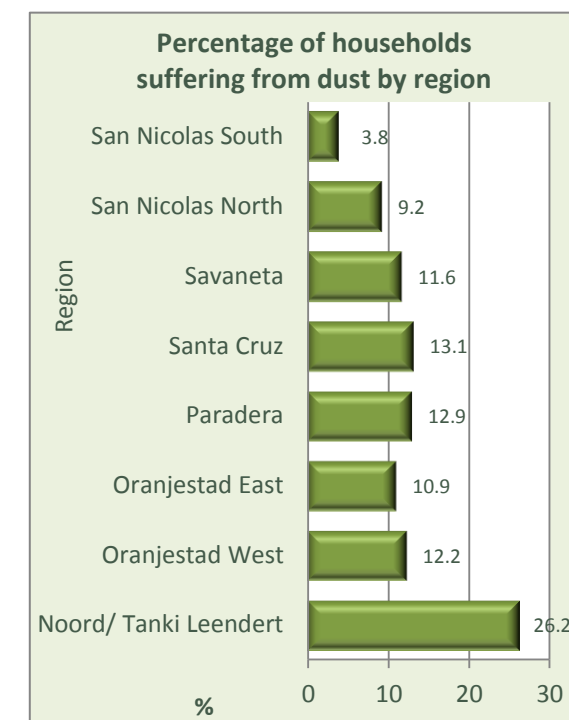
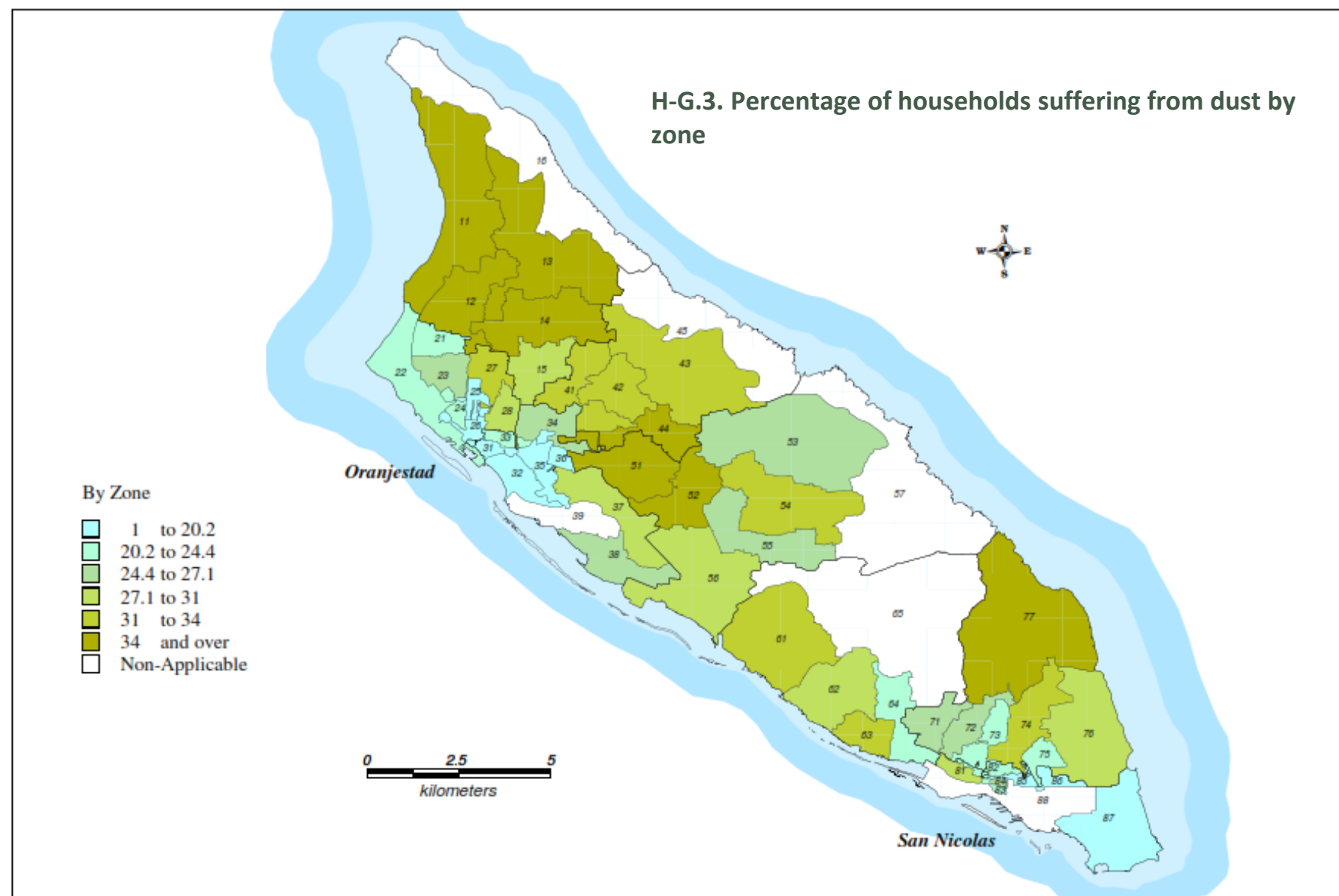
In the 2000 Census households were asked a question on whether they suffered any inconvenience from flooding. About 24% of the households indicated that they had flooding problems after rainfall. The same question was asked during the 2010 Census and we can see an increase in the percentage of households suffering from flooding (31.8%).

The formula used:

$$\frac{\text{(Total number of households suffering from flooding, in a particular zone)}}{\text{(Total no. of non-collective households in a particular zone)}} \times 100$$

The areas with the highest percentages can be found in Noord/Tanki Leendert and Oranjestad-West, where the zones of 'Washington', 'Pos Abao', 'Eagle/Paardenbaai', 'Madiki Kavel' and 'Madiki/Rancho' show percentages of 50% and higher of households indicating that they suffer from flooding. Compared to the year 2000, in 2010 most zones indicated an increase of households suffering from flooding. 'Seroe Colorado' is one of seven zones that registered a drop in households with flooding problems. From all the zones on Aruba, 'Seroe Colorado' had the lowest percentage of households with such inconvenience (8.9%).

	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>	%	%	<u>Region 5: Santa Cruz</u>	%	%
11 Palm Beach/Malmok	32.4	41.8	51 Hooiberg	29.4	25.3
12 Washington	36.5	51.4	52 Papilon	21.5	32.6
13 Alto Vista	22.3	38.1	53 Cashero	15.8	23.2
14 Moko\Tanki Flip	32.3	45.1	54 Urataca	21.4	24.7
15 Tanki Leendert	28.2	39.2	55 Macuarima	19.5	25.3
16 Noord other	-	-	56 Balashi/Barcadera	18.1	22.0
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	63.8	60.2	61 Pos Chiquito	25.1	31.1
22 Eagle/Paardebaai	33.1	50.0	62 Jara/Seroe Alejandro	22.7	28.1
23 Madiki Kavel	42.1	53.2	63 De Bruynewijk	16.7	24.3
24 Madiki/Rancho	28.1	50.8	64 Cura Cabai	20.7	26.3
25 Paradijswijk/Sta.Helena	19.3	25.9	65 Savaneta	-	-
26 Socotoro/Rancho	31.5	36.2	<u>Region 7: San Nicolas-North</u>		
27 Ponton	28.0	30.7	71 Brasil	17.9	25.3
28 Companashi/Solito	18.8	34.5	72 Rooi Congo	19.0	24.1
<u>Region 3: Oranjestad-East</u>			73 Watapana Gezaag	19.4	20.7
31 Nassaustraat	26.8	28.2	74 Standardville/Rooi Hundo	18.6	20.8
32 Klip/Mon Plaisir	17.3	30.8	75 Kustbatterij	17.8	17.3
33 Sividivi	23.2	23.4	76 Juana Morto	20.7	27.0
34 Seroe Blanco/Cumana	20.9	31.2	77 San Nicolas-North other	36.4	25.0
35 Dakota/Potrero	18.4	29.3	<u>Region 8: San Nicolas-South</u>		
36 Tarabana	15.6	17.9	81 Zeewijk	40.7	45.7
37 Sabana Blanco/Mahuma	14.2	23.7	82 Pastoor Hendrikstraat	30.3	26.6
38 Simeon Antonio	19.9	30.6	83 vd Veen Zeppenfeldstraat	19.4	26.2
39 Oranjestad-East other	-	-	84 Village	19.5	22.1
<u>Region 4: Paradera</u>			85 Essoville	37.3	27.6
41 Shiribana	18.5	28.6	86 Lago/Esso Heights	24.6	22.7
42 Paradera	15.7	26.8	87 Seroe Colorado	15.0	8.9
43 Ayo	20.9	22.6	88 San Nicolas-South other	4.3	-
44 Piedra Plat	18.2	29.7			
45 Paradera other	-	-			



### 5 top zones with highest percentage of households suffering from dust

	%
Palm Beach/Malmok	39.6
Papilon	38.2
Piedra Plat	38.0
San Nicolas-North other	37.5
Washington	36.1

### 5 top zones with lowest percentage of households suffering from dust

	%
Seroe Colorado	10.1
Lago/Esso Heights	12.7
Nassastraat	15.0
Klip/Mon Plaisir	15.8
Dakota/Potrero	16.0

### H-G.3. Percentage households suffering from dust

During the 2000 Census households were also asked about any inconvenience that they suffered from dust in their living environment. At that time 44.5% of the households indicated that they suffered from dust. Again this question was asked during the 2010 Census and very notable is that the percentage of households with inconvenience from dust in their living area dropped considerably. For the whole island, in 2010, about 28.8% of the households indicated that they suffered from dust in their living area (10,050 households). This means a decrease of 15.7% percentage points from 2000 to 2010.

The formula used:

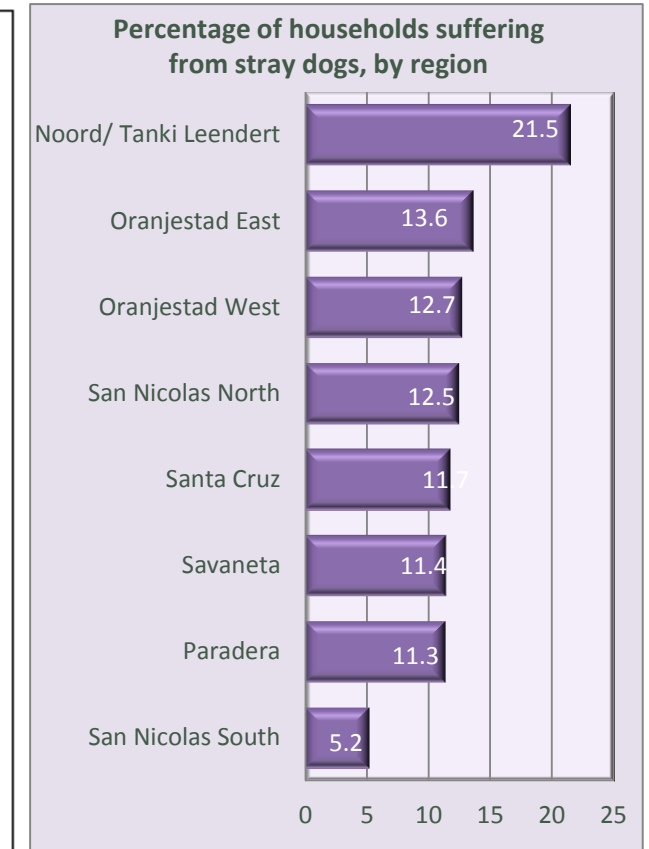
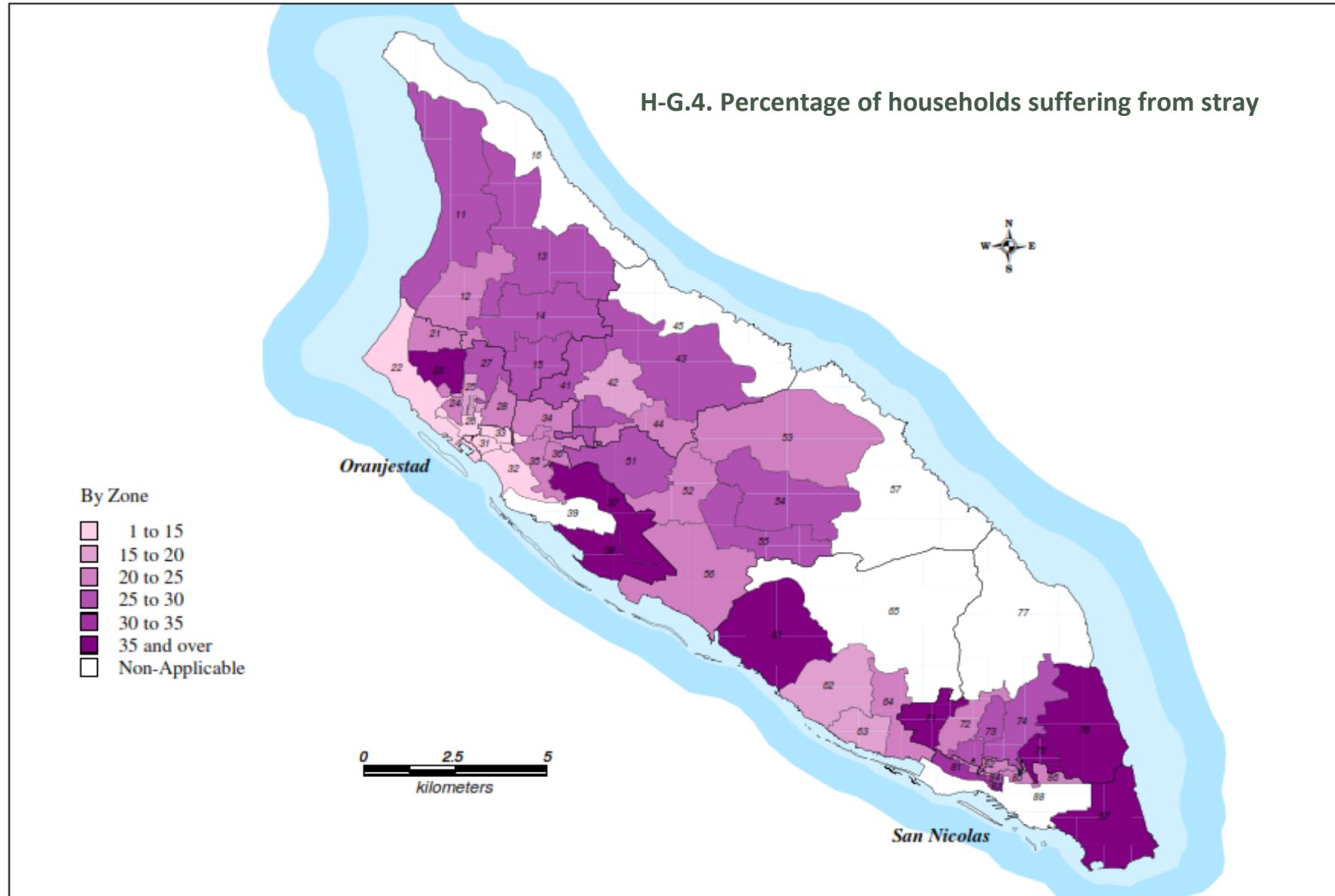
**(Total number of households suffering from dust, in a particular zone)**

**\* 100**

**(Total no. of non-collective households in a particular zone)**

Some areas show a decrease of 50% or more of households suffering from the inconvenience of dust. Noord and Paradera have the highest overall percentages of households suffering from dust in their living environment. They have an average of 30% or higher. In San Nicolas the zones 'Lago/Esso Heights' and 'Seroe Colorado' registered the lowest percentages.

	2000	2010		2000	2010
<u>Region 1: Noord/ Tanki Leendert</u>	%	%	<u>Region 5: Santa Cruz</u>	%	%
11 Palm Beach/Malmok	46.0	39.6	51 Hooiberg	59.3	34.0
12 Washington	49.0	36.1	52 Papon	49.9	38.2
13 Alto Vista	52.0	36.0	53 Cashero	44.2	24.6
14 Moko\Tanki Flip	51.0	34.1	54 Urataca	38.9	31.3
15 Tanki Leendert	57.6	30.9	55 Macuarima	41.5	26.7
16 Noord other	-	-	56 Balashi/Barcadera	46.6	30.4
			57 Santa Cruz other	-	-
<u>Region 2: Oranjestad-West</u>			<u>Region 6: Savaneta</u>		
21 Pos Abao/Cunucu Abao	48.8	24.0	61 Pos Chiquito	64.4	32.6
22 Eagle/Paardebai	34.6	23.7	62 Jara/Seroe Alejandro	59.1	29.0
23 Madiki Kavel	52.3	26.0	63 De Bruynewijk	50.5	33.4
24 Madiki/Rancho	33.3	22.8	64 Cura Cabai	49.4	21.7
25 Paradijswijk/Sta.Helena	23.7	17.9			
			65 Savaneta	-	-
26 Socotoro/Rancho	26.5	18.8	<u>Region 7: San Nicolas-North</u>		
27 Ponton	48.3	31.0	71 Brasil	47.8	27.1
28 Companashi/Solito	35.0	28.9	72 Rooi Congo	38.1	24.6
<u>Region 3: Oranjestad-East</u>			73 Watapana Gezaag	31.9	24.4
31 Nassastraat	27.1	15.0	74 Standardville/Rooi Hundo	43.2	33.3
32 Klip/Mon Plaisir	30.8	15.8	75 Kustbatterij	29.1	23.1
33 Sividivi	48.8	23.1	76 Juana Morto	53.8	30.5
34 Seroe Blanco/Cumana	40.3	25.6	77 San Nicolas-North other	63.6	37.5
35 Dakota/Potrero	36.6	16.0			
36 Tarabana	31.7	17.1	<u>Region 8: San Nicolas-South</u>		
37 Sabana Blanco/Mahuma	62.2	29.6	81 Zeewijk	44.7	29.5
38 Simeon Antonio	54.1	25.2	82 Pastoor Hendrikstraat	37.2	24.0
39 Oranjestad-East other	-	-	83 vd Veen Zeppenfeldstraat	34.3	20.2
<u>Region 4: Paradera</u>			84 Village	31.8	26.8
41 Shiribana	51.9	32.2	85 Essoville	32.7	20.0
42 Paradera	38.5	32.4	86 Lago/Esso Heights	23.5	12.7
43 Ayo	34.9	31.0	87 Seroe Colorado	12.1	10.1
44 Piedra Plat	50.2	38.0	88 San Nicolas-South other	4.3	-
45 Paradera other	-	-			



**5 top zones with highest percentage of households suffering from stray dogs**

	%
Juana Morto	44.5
Seroe Colorado	43.0
Brasil	39.6
Kustbatterij	39.0
Madiki Kavel	38.1

**5 top zones with lowest percentage of households suffering from stray dogs**

	%
Nassaustra	8.2
Eagle/Paardebai	10.0
Klip/Mon Plaisir	10.4
Socotoro/Rancho	14.2
Sividivi	14.8

## H-G.4. Percentage households suffering from stray dogs

Although the inconvenience that members of the household suffered from stray dogs in their living environment was not measured in the 2000 Census, this question was incorporated in the questionnaire of the 2010 Census, because many governmental and non-governmental organizations showed an interest in knowing the degree of such inconvenience.

The formula used:

$$\frac{\text{(Total number of households suffering from stray dogs, in a particular zone)}}{\text{(Total no. of non-collective households in a particular zone)}} * 100$$

The map clearly shows that a little more than 25% of the households in Aruba indicated that they suffered from the inconvenience of stray dogs in their living environment. Various zones in the Oranjestad area registered more than 35% of households suffering from the inconvenience of stray dogs, namely 'Madiki Kavel', 'Sabana Blanco/Mahuma' and 'Simeon Antonio'. The zone with the lowest number in Oranjestad is 'Nassaustraat' (8.2%). In 'Pos Chiquito' over 35% of households reported suffering from inconvenience from stray dogs, meanwhile 'Juana Morto' and 'Seroe Colorado' topped the list with well over 40% of the households complaining about stray dogs in their living area. As can be seen in the graph, the region that suffers the most from stray dogs is the area of Noord/Tanki Leendert, with 21.5% of the households indicating that stray dogs are a problem in their living environment.

2010		2010	
<u>Region 1: Noord/ Tanki Leendert</u>		<u>Region 5: Santa Cruz</u>	
	%		%
11 Palm Beach/Malmok	27.1	51 Hooiberg	28.4
12 Washington	23.9	52 Pabilon	23.4
13 Alto Vista	27.6	53 Cashero	24.7
14 Moko\Tanki Flip	25.3	54 Urataca	25.4
15 Tanki Leendert	27.2	55 Macuarima	28.1
16 Noord other	-	56 Balashi/Barcadera	21.6
		57 Santa Cruz other	-
<u>Region 2: Oranjestad-West</u>		<u>Region 6: Savaneta</u>	
21 Pos Abao/Cunucu Abao	21.8	61 Pos Chiquito	35.6
22 Eagle/Paardebaai	10.0	62 Jara/Seroe Alejandro	18.7
23 Madiki Kavel	38.1		
24 Madiki/Rancho	24.4	63 De Bruynewijk	17.2
25 Paradijswijk/Sta.Helena	18.5	64 Cura Cabai	21.4
26 Socotoro/Rancho	14.2	65 Savaneta	-
27 Ponton	25.0		
28 Companashi/Solito	20.3	<u>Region 7: San Nicolas-North</u>	
		71 Brasil	39.6
<u>Region 3: Oranjestad-East</u>		72 Rooi Congo	23.8
31 Nassaustraat	8.2	73 Watapana Gezaag	26.1
32 Klip/Mon Plaisir	10.4	74 Standardville/Rooi Hundo	25.8
33 Sividivi	14.8	75 Kustbatterij	39.0
34 Seroe Blanco/Cumana	24.3	76 Juana Morto	44.5
35 Dakota/Potrero	21.3	77 San Nicolas-North other	-
36 Tarabana	23.2		
37 Sabana Blanco/Mahuma	37.6	<u>Region 8: San Nicolas-South</u>	
38 Simeon Antonio	41.4	81 Zeewijk	34.8
39 Oranjestad-East other	-	82 Pastoor Hendrikstraat	22.4
		83 vd Veen Zeppenfeldstraat	34.5
<u>Region 4: Paradera</u>		84 Village	25.1
41 Shiribana	29.7	85 Essoville	23.9
42 Paradera	19.7	86 Lago/Esso Heights	22.2
43 Ayo	28.7	87 Seroe Colorado	43.0
44 Piedra Plat	24.2	88 San Nicolas-South other	-
45 Paradera other	-		