

Appendix chapter 5 - Differences in life expectancy between four Western countries and their Caribbean dependencies, 1980-2014

Table A1 List of causes of death with corresponding ICD-codes

Number	Cause of death	ICD10, list 104	ICD9, list 09B
	All causes	AAA	B00
Infections			
1	HIV/AIDS	B20-B24	B184-B185
2	Septicaemia	A40-A41	B038
	Other infectious and parasitic diseases	Remainder of A00-B99	Remainder of B01-B07
Neoplasms			
3	Cancer of colon and rectum	C18-C21	B093-B094
4	Cancer of the breast	C50	B113
5	Cancer of the cervix	C53	B120
6	Cancer of the prostate	C61	B124
7	Cancer of the trachea, bronchus and lung	C33-C34	B101
8	Cancer of the stomach	C16	B091
	Other cancers	Remainder of C00-D48	Remainder of B08-B17
Diabetes and other endocrine diseases			
9	Diabetes mellitus	E10-E14	B181
	Other endocrine diseases	Remainder of E00-E88	B18, except B181, B184, B185, and B19
Cardiovascular diseases			
10	Hypertensive heart disease	I10-I15	B26
11	Ischemic heart disease	I20-I25	B27
12	Cerebrovascular diseases	I60-I69	B29
	Other cardiovascular disease	Remainder of I00-I99	B25, B28 and B30
Respiratory diseases			
13	Pneumonia	J12-J18	B321
14	Chronic lower respiratory disease	J40-J47	B323-B325
15	Other respiratory diseases	Remainder of J00-J98	B31, Remainder of B32
Maternal and infant			
16	Complications of pregnancy, childbirth and puerperium	O00-O99	B38-B41
17	Certain conditions originating in the perinatal period	P00-P96	B45
18	Congenital malformations and chromosomal abnormalities	Q00-Q99	B44
External causes			
19	Transport accidents	V00-V99	B47
20	Suicide	X60-X84, Y870	B54
21	Homicide	X85-Y09, Y871	B55
	Other external causes	W00-W99, remainder of Y00-Y99	B48-B53, B56
Other causes			
	All other causes	All other causes	All other causes

Table A2 Life expectancy in Western countries and differences with their Caribbean dependencies, by gender, 1980-2014

Men	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-2009	2010-2014
France	69.9	71.3	72.7	74.2	75.9	77.4	79.2
Difference with France							
Guadeloupe	-1.9				-1.6	-1.7	-3.1
Martinique	-1.2	-0.8			-0.4	-1.1	-1.5
United Kingdom	71.5	72.2	73.4	74.6	76.0	77.5	79.1
Difference with the United Kingdom							
Small islands			0.6	0.3	0.0	-1.0	-2.2
United States	70.6	71.3	72.0	73.4	74.4	75.6	76.5
Difference with the USA							
Puerto Rico	0.3	-0.9	-3.1	-3.0	-2.2	-2.4	-1.9
US Virgin Islands	-1.3			-1.2	-1.6	-3.3	-4.6
Netherlands	72.7	73.4	74.1	75.0	76.1	78.0	79.4
Difference with the Netherlands							
Aruba		-2.0	-3.3	-5.3	-5.6	-6.1	-6.8
Netherlands Antilles	-1.3	-1.3	-1.9	-3.9	-5.1		
Curaçao					-6.0	-5.5	
Women	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-2009	2010-2014
France	78.4	79.6	80.9	81.9	82.9	84.0	85.5
Difference with France							
Guadeloupe	-3.4				-1.2	-0.6	-1.5
Martinique	-2.1	-2.6			-0.1	-0.6	-1.2
United Kingdom	77.4	78.1	78.9	79.6	80.6	81.7	82.8
Difference with the UK							
Small islands UK			-3.2	-1.1	-0.4	-0.0	-0.2
United States	78.0	78.4	78.9	79.3	79.6	80.6	81.2
Difference with the USA							
Puerto Rico	-0.1	-0.1	-0.7	-0.0	1.0	0.9	1.4
US Virgin Islands	-3.4			-1.0	-0.5	-0.7	0.2
Netherlands	79.8	80.2	80.2	80.5	80.9	82.2	83.1
Difference with the Netherlands							
Aruba		-1.7	-4.2	-4.8	-3.6	-4.2	-4.5
Netherlands Antilles	-4.8	-3.4	-3.1	-3.0	-3.1		
Curaçao					-2.3	-2.9	

Note: blank spaces mean no mortality data were available during this period

Table A3 Contribution (in years) of the broad causes of death to the overall change in life expectancy gap during study period, earliest vs. latest available time period

	French islands vs. France	U.K. Islands vs. the United Kingdom	U.S. islands vs. the United States	Dutch islands vs. the Netherlands
Men				
Infections	0.1	0.0	0.3	0.2
Neoplasms	0.3	0.9	0.5	0.9
Diabetes and other endocrine diseases	0.1	0.2	0.8	0.3
Cardiovascular diseases	-0.5	1.6	0.9	2.7
Respiratory diseases	0.1	-0.1	-0.4	0.0
Maternal and infant	0.6	-0.1	-0.2	-1.1
External causes	0.8	1.1	0.5	1.8
Other causes	-0.5	-0.7	-0.2	-0.4
Overall change in life expectancy	1.0	2.8	2.2	4.4
Women				
Infections	-0.2	-0.2	0.1	0.1
Neoplasms	0.0	-0.6	0.1	-0.2
Diabetes and other endocrine diseases	0.0	0.5	0.5	0.3
Cardiovascular diseases	-1.4	-0.5	-0.7	0.3
Respiratory diseases	-0.1	-0.4	-1.0	-0.6
Maternal and infant	0.5	-0.9	-0.2	-1.3
External causes	0.2	0.0	-0.1	0.8
Other causes	-0.3	-0.8	-0.2	-0.9
Overall change in life expectancy	-1.2	-3.0	-1.5	-1.5

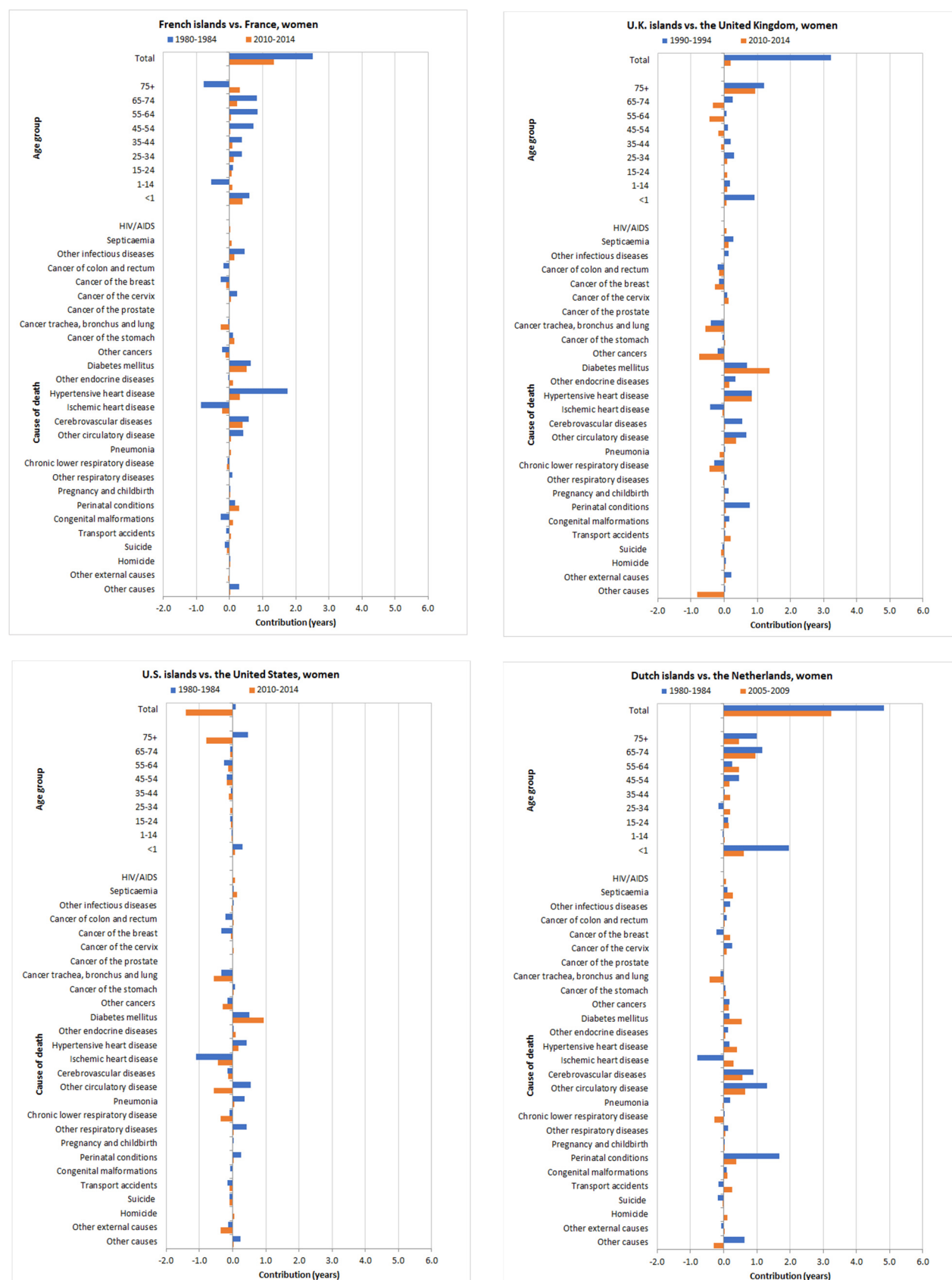
Figure A1 Contribution to life expectancy differences between Western countries and their Caribbean dependencies, earliest vs. latest available time period, women

Figure A2 Trends in age-standardized mortality rates from cardiovascular diseases and external causes in Western countries and their Caribbean dependencies, 1980-2014, women

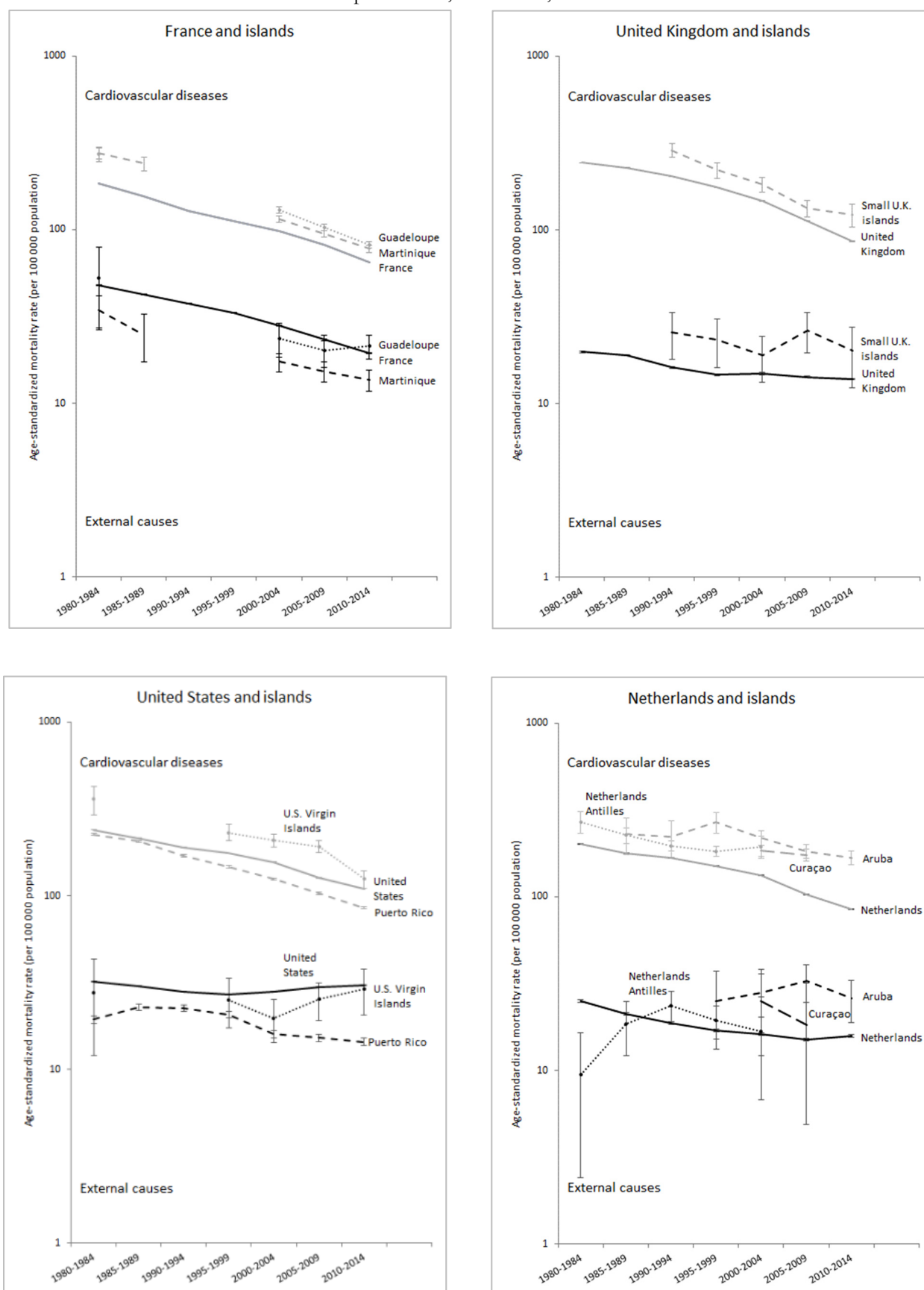


Table A4 Trends in age-standardized mortality rates from homicide and transport accidents in Western countries and their Caribbean dependencies, 1980-2014

	Men							Women						
	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-2009	2010-2014	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-2009	2010-2014
<i>Homicide</i>														
France	1.5	1.4	1.4	1.1	1.0	0.9	0.8	0.9	0.9	0.8	0.7	0.6	0.5	0.4
Guadeloupe	6.0				3.2	6.2	10.2	2.2				1.5	1.3	1.0
Martinique	0.5	8.6			4.6	7.9	7.0	0.8	0.7			0.9	1.9	0.3
United Kingdom	1.3	1.2	1.3	1.2	0.7	0.6	0.4	0.7	0.7	0.6	0.5	0.2	0.2	0.1
Small islands UK			8.3	7.6	8.3	14.0	16.6			2.4	2.3	4.6	2.6	1.3
USA	14.8	13.3	16.0	11.6	10.3	10.1	8.8	4.2	4.2	4.3	3.4	2.9	2.6	2.2
Puerto Rico	29.0	31.3	46.1	43.8	40.0	43.7	48.3	4.0	4.4	5.0	4.0	3.2	2.9	3.5
US Virgin Islands	54.7			49.7	74.3	108.2	137.7	4.3			7.7	5.8	5.9	9.9
Netherlands	1.3	1.2	1.5	1.7	1.6	1.2	1.1	0.6	0.6	0.7	0.8	0.8	0.6	0.6
Aruba				9.2	6.7	11.4	10.1				1.4	2.3	1.7	0.8
Netherlands Antilles	6.9	11.3	11.9	23.4	27.6			0.0	2.4	2.0	1.6	0.0		
Curaçao					61.5	39.2						7.2	6.7	
<i>Transport accidents</i>														
France	30.9	27.5	24.1	20.5	17.0	11.9	8.3	10.4	9.4	8.2	7.0	5.3	3.3	2.2
Guadeloupe	59.9				38.1	28.8	28.6	15.3				5.9	4.2	4.9
Martinique	15.6	28.3			26.7	23.9	14.7	3.6	8.3			3.8	3.6	1.7
United Kingdom	15.0	14.6	12.3	9.6	9.4	8.0	4.5	5.0	4.9	4.1	3.0	2.6	2.2	1.3
Small islands UK			18.2	15.6	12.8	31.1	27.7			4.9	6.9	2.5	15.0	7.1
USA	32.7	29.9	25.4	23.1	22.8	20.6	16.3	11.5	11.7	10.5	10.3	9.5	8.0	6.3
Puerto Rico	29.5	32.1	30.1	27.2	24.7	21.1	15.8	6.7	7.3	6.9	6.9	5.8	4.4	3.4
US Virgin Islands	29.9			25.9	27.5	23.5	21.6	5.9			6.8	5.1	7.1	4.5
Netherlands	14.3	13.8	12.3	10.9	9.4	6.4	4.9	5.4	5.2	4.5	3.8	3.0	2.2	1.6
Aruba				43.1	48.9	32.6	33.1				11.4	9.2	14.7	7.5
Netherlands Antilles	16.5	17.3	24.5	23.9	32.8			1.5	6.2	7.0	5.8	10.4		
Curaçao					42.0	27.0						5.7	4.7	

Note: blank spaces mean no mortality data were available during this period

Table A5 Overview results death registration data assessment, by Caribbean state

Country/affiliated Caribbean state	Data years available	Number of deaths	Unclassified sex (n)	Unclassified age (n)	Ill-defined conditions (%)	Completeness (%)
France	1980-1984	2783684	0	3	6.7	97.4
	1985-1989	2711246	0	1	6.7	96.6
	1990-1994	2649624	0	2	6.2	97.7
	1995-1999	2686257	0	0	6.2	97.8
	2000-2004	2658816	0	0	6.6	98.9
	2005-2009	2633674	0	0	6.8	97.2
	2010-2014	2737305	0	0	9.0	99.8
Guadeloupe	1981	2091	0	0	9.7	86.9
	1985-1989	No data			-	-
	1990-1994	No data			-	-
	1995-1999	No data			-	-
	2000-2004	13405	0	0	8.0	93.3
	2005-2009	14327	0	0	8.7	94.0
	2010-2014	14950	0	0	12.1	87.2
Martinique	1981, 1982	3753	0	88	11.4	76.1
	1985	2140	0	17	11.1	80.1
	1990-1994	No data			-	-
	1995-1999	No data			-	-
	2000-2004	13416	0	0	7.8	95.8
	2005-2009	13629	0	0	9.3	91.3
	2010-2011, 2013-2014	11794	0	0	8.2	93.5
United Kingdom	1980-1984	3286314	0	0	0.4	99.3
	1985-1989	3282644	0	0	0.7	100
	1990-1994	3208336	0	0	1.0	99.5
	1995-1999	3172480	0	5	2.0	99.9
	2000-2004	2409314	0	5	2.2	99.1
	2005-2009	2869189	0	0	2.0	99.0
	2010-2014	2829721	0	0	2.0	97.6
Small Islands UK	1980-1984	No data			-	-
	1985-1989	No data			-	-
	1990-1994	2145	0	13	6.4	91.2
	1995-1999	1791	3	25	5.0	89.9
	2000-2004	2050	5	12	4.8	87.0
	2005-2009	1861	1	46	4.1	75.4
	2010-2014	1148	4	31	2.1	76.7
United States	1980-1984	10001189	0	2995	1.5	96.3
	1985-1989	10633589	0	3607	1.4	96.3
	1990-1994	11041141	0	2533	1.1	96.7
	1995-1999	11669722	0	2154	1.1	98.5
	2000-2004	12109066	0	1823	1.3	98.4
	2005-2009	12208137	2	1072	1.4	99.2
	2010-2014	12751436	0	704	1.5	98.8
Virgin Islands U.S.	1980	540	0	1	0.7	99.3
	1985-1989	No data			-	-
	1990-1994	No data			-	-
	1997-1999	1894	0	4	1.2	100
	2000-2004	3120	0	4	2.0	99.6
	2005-2009	3334	0	2	2.4	96.5
	2010-2012	2136	0	10	4.0	97.3

Table A5 (continued)

Country/affiliated Caribbean state	Data years available	Number of deaths	Unclassified sex (n)	Unclassified age (n)	Ill-defined conditions (%)	Completeness (%)
Puerto Rico	1980-1984	106029	0	259	1.2	100
	1985-1989	121630	0	399	0.8	100
	1990-1994	136805	0	369	0.7	96.0
	1995-1999	147858	0	194	0.7	98.6
	2000-2004	142485	0	206	0.8	94.4
	2005-2009	144781	0	238	0.6	96.2
	2010-2014	147734	0	75	0.9	100
Netherlands	1980-1984	584631	0	0	3.7	99.8
	1985-1989	623278	0	0	3.7	99.9
	1990-1994	659935	0	0	4.1	99.9
	1995-1999	686988	0	0	4.7	99.7
	2000-2004	701748	0	0	5.3	100
	2005-2009	674167	0	0	4.1	99.0
	2010-2014	693080	0	0	3.9	99.5
Netherlands Antilles	1981	893	0	0	9.9	82.2
	1988, 1989	1935	0	0	9.5	85.9
	1990-1994	4876	2	0	8.2	80.7
	1995-1999	5227	3	0	5.7	80.2
	2000	957	0	0	5.2	70.8
	2005-2009	No data			-	-
	2010-2014	No data			-	-
Aruba	1980-1984	No data			-	-
	1987	357	0	0	19.6	88.3
	1990	398	0	0	18.6	81.1
	1995-1999	1058	0	1	6.8	83.2
	2000-2004	2518	0	0	4.8	71.4
	2005-2009	2734	0	3	7.9	71.8
	2010-2014	3083	1	1	4.6	72.3
Curaçao	1980-1984	No data			-	-
	1985-1989	No data			-	-
	1990-1994	No data			-	-
	1995-1999	No data			-	-
	2001-2004	4122	0	0	5.1	95.8
	2005-2007	3135	0	0	3.8	92.8
	2010-2014	No data			-	-

Table A6 Population growth in Western countries and their Caribbean dependencies, by gender, 1980-2014

	France	Guadeloupe	Martinique	United Kingdom	Small islands UK	USA	Puerto Rico	US Virgin Islands	Netherlands	Aruba	Curacao
Men											
1980-1984	1.7%	6.2%	3.1%	0.1%		3.9%	5.1%	6.6%	1.8%	4.5%	1.0%
1985-1989	2.2%	6.8%	4.4%	1.0%		3.7%	2.7%	-1.1%	2.4%	-2.2%	-2.8%
1990-1994	1.6%	2.8%	1.4%	1.1%	11.1%	4.3%	3.6%	2.1%	2.8%	23.7%	-2.1%
1995-1999	1.9%	3.3%	2.6%	1.5%	5.7%	5.2%	2.4%	0.9%	2.4%	8.9%	-7.4%
2000-2004	2.2%	3.8%	1.7%	2.0%	15.7%	3.9%	-0.8%	-0.5%	2.4%	7.3%	-3.0%
2005-2009	2.4%	-1.0%	-0.9%	4.3%	19.7%	3.8%	-1.0%	-2.0%	1.7%	1.6%	9.3%
2010-2014	1.9%	-0.5%	-2.9%	3.0%	10.1%	3.1%	-1.0%	-1.2%	1.3%	1.9%	5.7%
Women											
1980-1984	2.1%	5.8%	3.5%	0.3%		3.8%	4.4%	5.0%	2.3%	4.6%	1.9%
1985-1989	2.4%	7.0%	4.7%	1.0%		4.0%	4.2%	-1.6%	2.5%	-4.0%	-1.2%
1990-1994	2.0%	4.2%	2.9%	1.1%	11.6%	3.8%	4.3%	3.4%	2.6%	23.2%	-0.1%
1995-1999	1.8%	5.4%	5.3%	1.2%	6.4%	4.8%	2.8%	1.5%	2.4%	12.7%	-6.0%
2000-2004	2.1%	2.0%	2.9%	1.2%	16.5%	3.6%	-0.3%	-0.7%	2.2%	10.0%	-3.0%
2005-2009	2.3%	5.3%	0.4%	3.8%	20.1%	3.6%	-1.1%	-0.5%	1.5%	1.3%	12.9%
2010-2014	1.8%	0.5%	-1.1%	2.4%	10.9%	2.8%	-1.0%	-0.7%	1.2%	2.3%	6.3%

Note: blank spaces mean no population data were available during this period

Table A7 Average annual growth rate of GDP per capita in Western countries and their Caribbean dependencies, 1980-2014

	France	Guadeloupe	Martinique	United Kingdom	Small islands UK	USA	Puerto Rico	US Virgin Islands	Netherlands	Aruba	Netherlands Antilles	Curacao
1980-1984	-7.13%			-4.98%	12.60%	8.02%	6.16%	7.70%	-7.65%	4.16%	4.61%	
1985-1989	14.24%			15.11%	9.72%	5.96%	7.15%	6.39%	12.76%	14.66%	9.54%	
1990-1994	6.28%			4.34%	7.35%	4.23%	6.01%	8.99%	7.60%	8.84%	5.70%	
1995-1999	1.17%			7.65%	7.59%	4.49%	7.10%	-	3.12%	2.33%	3.45%	
2000-2004	7.18%	5.31%	5.02%	7.45%	1.18%	3.92%	6.59%	7.85%	7.89%	3.18%	2.83%	
2005-2009	4.51%	4.32%	2.49%	-0.41%	1.60%	2.39%	3.99%	2.48%	5.58%	1.93%	1.84%	2.45%
2010-2014	0.76%	1.90%	2.84%	4.18%	0.06%	3.09%	1.48%	-2.76%	0.32%	0.78%	4.61%	0.25%

Note: blank spaces mean no GDP per capita data were available during this period

Sources: UNdata ([www.http://data.un.org](http://data.un.org)), Guadeloupe and Martinique, Insee (www.insee.fr/fr/statistiques/1893220), US Virgin Islands, World Bank (www.data.worldbank.org)