

Comparing Estimates of Life Expectancy at Birth Produced by UN Population Division for 201 Countries and over Period 1950-2015 with External Data

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Disclaimer: The views expressed here do not imply the expression of any opinion on the part of the United Nations Secretariat

Abstract

In order to assess quality, empirical basis and uncertainty of estimates of life expectancy at birth (LEB) for all countries and areas in the world, we collected, organized, and documented all available external data on life expectancy at birth. In this report we present trends in life expectancy at birth produced in the 2017 revision of World Population Prospects (WPP) together with data from external sources. We discuss availability, timeliness, and possible explanations for the differences between UNPD estimates and the data from external sources, for selected countries.

Introduction

Life expectancy at birth is a key indicator of public health and human development. Estimates of life expectancy at birth produced by the United Nations Population Division (UNPD) is an integral part of the Human Development Index (HDI) of the United Nations (other two components are education

¹ Poster presentation is available at http://kirillandreev.com/2019_PAA/Andreev-et-al_WPP-Life-Tables_PAA2019.poster.pdf

² The term “country” as used in the text of this report also refers, as appropriate, to territories or areas.

and personal income). Current levels of life expectancy at birth, however, are often not known to sufficient degree of accuracy as underlying empirical data are often limited and deficient. This adversely affects quality of Human Development Index, ranking of countries, and, in general, makes process of monitoring of human development imprecise. The review of empirical data conducted here is aimed at improving our understanding of strength and deficiencies of mortality estimates for the purpose of monitoring of human development levels.

Statistical Summaries

Figure 1 shows distribution of countries or areas (hereafter, countries) by the year with the latest external data point. Countries having the latest external data point in a certain year are stacked together in a single bar. The countries in the same world's region are shown in the same style to facilitate tracking of them by the latest data available within the same region. For example, the latest external data point for Denmark is available for 2017, and country code³ for Denmark ("DNK"), consequently, appears in the bar labeled "2017". Out of the 201 countries, the most recent external data⁴ are available only for 60 countries only: 38 in Europe, 14 in Asia, 7 in Africa, and one in Oceania. No countries in Latin America and the Caribbean have data for this period. For 14 countries no data available after 2000, and for 8 countries no data available at all.

Summary of average difference of external estimates of life expectancy at birth by quinquennial periods from UN estimates is shown in Figure 2. Large negative deviations are shown in red, and large positive deviation are shown in blue. For example, for Afghanistan, males, the officially reported numbers in 2000-2005 are 11.7 years lower than UN estimate of 55 years of age, and the cell value equal to -11.7 in 2000-2005 is shown with deep red background. On the other hand, for males in Azerbaijan, the officially reported figures over last 15 years are higher on average by 3 years than UN estimates, and the cells are having blue background.

Figure 3 shows trends in UN life expectancy at birth together with available external data for individual countries. Table 1 shows common sources of external estimates. Figure 3 might include some duplicates and outdated figures as the estimates produced and disseminated by NSOs could be simultaneously reported to e.g. UNSD and collected in other databases. Estimation process of UN life expectancy is described in broader terms in the WPP publications (<https://population.un.org/wpp/>). Empirical data used for deriving these estimates are not necessary the same as reported in Fig. 3.

Conclusions

Globally, for almost three quarters of countries we were not able to locate recent⁵ external data on life expectancy at birth. For years 2000 or later, UN estimates of life expectancy at birth differ from

³ Country codes are available here: <https://unstats.un.org/unsd/tradekb/knowledgebase/country-code>.

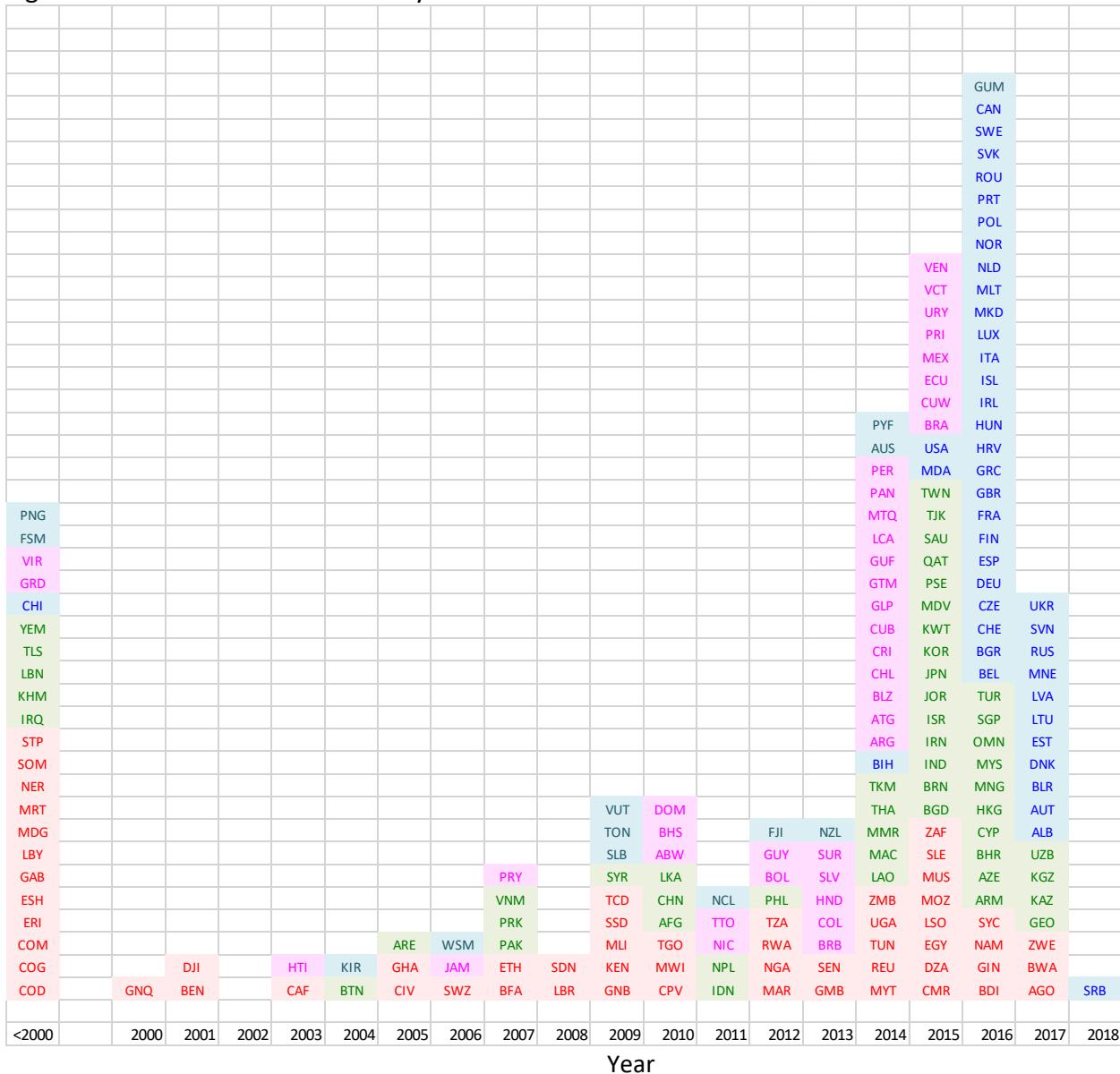
⁴ At least a single data point for 2016 or 2017

⁵ Year 2016 or later

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average external estimates by less than a year for 94 countries for males, and 95 for females, for more than a year for 82 countries for males, and for 84 countries for females, and data are not available for 2000 and later, for 25 countries for males, and for 22 countries for females. The large differences between official estimates of life expectancy at birth and UN estimates are currently under review and we hope to find provide explanations for observed differences later on. The analysis conducted here revealed an urgent need for a unified data collection approach, methodology and software tools for producing estimates of life expectancy at birth, an important indicator of public health, from available empirical data that could be used both by the United Nations and the national statistical offices. We hope this work will serve as a first step in this direction.

Figure 1 Distribution of Countries by the Last Data Point Available



Country codes are available here: <https://unstats.un.org/unsd/tradekb/knowledgebase/country-code>. Out of 22 countries in the “<2000” category, for 14 countries no data available after 2000, and for 8 countries no data available at all. The countries in the same region of the world are shown in the following styles:

Africa	Asia	Europe and Northern America	Latin America and the Caribbean	Oceania
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Figure 2 Difference between empirical and UN life expectancy at birth, Males

Country\Period	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010	2015
Afghanistan	5.5	0.0	-2.1	0.2					-7.5	-8.0	-11.7	3.7		
Albania							0.8	1.3	1.2	1.0	0.8	0.4	0.3	
Algeria						1.9	-0.8	2.4	1.8	2.8	2.3	1.7	2.3	
Angola										3.3	1.6			
Antigua and Barbuda	1.2					6.4	5.0	2.2	2.9	5.3	4.2	3.1	2.5	3.0
Azerbaijan														
Argentina	0.8	0.1	-0.3	-0.5	-0.1	0.2	1.0	0.6	0.3	0.2	0.5	0.8		
Australia	-0.1	0.0	0.0	-0.2	-0.1	0.0	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	
Austria	-0.3	0.1	0.0	-0.2	-0.1	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	0.3	
Bahamas		-0.5	0.8				-2.4	-1.7	-1.8	-1.0	-1.3	-0.6	0.9	0.1
Bahrain						2.2	3.6	-4.1	-0.6	-1.3	-0.6	0.6	0.9	0.1
Bangladesh						-1.0	1.1	-0.1	-1.9	4.6	-1.8	1.3	0.5	-0.4
Armenia							-0.4	2.9	3.2	2.8	1.1	0.8	0.5	0.6
Barbados	-0.2	4.4	3.7	5.8	3.4	3.2	3.9	2.2	1.0	0.6	2.2	1.5	1.5	
Belgium	-0.2	0.0	-0.1	0.0	-0.1	-0.1	-0.1	0.0	0.1	0.1	0.2	0.1	0.0	
Bhutan						-1.9		14.0		1.4				
Bolivia (Plurinational State of)					14.4			-9.5	2.7		0.1			
Bosnia and Herzegovina							0.2	2.3	0.5	-0.2	0.1	-0.4		
Botswana						-0.8	-4.7	0.3	13.3	4.5	-2.6	11.4	-2.4	
Brazil	3.3		4.5	4.4	4.9	4.5	3.1	0.6	-0.3	-0.5	-0.4	-0.1		
Belize						2.2			1.0					
Solomon Islands						1.7			-0.9		-16.3			
Brunei Darussalam						-3.8	1.1			0.3	0.9	0.7	5.0	
Bulgaria	0.3	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	-0.1	-0.1		
Myanmar	6.5					6.5	7.4	-1.5		1.1	2.2	-1.8		
Burundi			-6.1							-6.0	1.9	1.1		
Belarus	0.9	1.1	1.0	1.7	0.8	0.5	0.9	0.7	0.6	0.5	0.4	-0.4	0.4	
Cambodia	4.7					9.8		2.0			-24.1		-0.6	
Cameroon														
Canada	-0.1	0.0	-0.1	-0.1	-0.1	-0.2	-0.1	-0.1	0.0	0.0	-0.1	-0.1	-0.8	
Cabo Verde						-0.8	5.1	0.5		-2.7		4.5		
Central African Republic	-1.6						15.0							
Sri Lanka	5.3	6.9	5.6	3.0	-0.5	-0.9	0.4	1.8	2.2	2.5	0.5	0.5	0.4	
Chad			-8.0						10.2					
Chile	-1.4	0.0	-0.2	1.8	0.0	0.1	0.5	-1.2	-1.6	-0.7	0.5	0.1	0.2	
China							2.1	-0.6	0.0		-6.8	2.1		
China, Taiwan Province of China	0.4	0.7	1.1	0.4	0.5	-0.1	-0.1	-0.3	-0.6	-0.8	-0.5	-0.5	-0.9	
Colombia	-2.6	3.1	2.3	3.0	3.6	3.3	3.9	2.3	2.3	2.5	2.1	4.0	3.6	
Comoros														
Mayotte										-1.4				
Congo					14.2		32.9							
Dem. Republic of the Congo	0.7													
Costa Rica	-0.2	6.3	3.4	2.1	2.4	2.8	2.3	1.7	0.8	0.2	0.5	1.0	1.0	
Croatia									-0.1	-1.1	-0.2	-0.3	-0.1	
Cuba			2.7	1.7	0.4	-0.1	-0.3	-0.3	-0.6	-0.3	-0.7	-0.8		
Cyprus	5.3		-1.1	-0.9	-1.3	-1.5	-1.4	-1.3	-0.7	0.2	1.0	1.9		
Czech Republic	-0.4	0.0	0.2	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.3		
Benin							-1.3	3.0						
Denmark	-0.1	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	0.1		
Dominican Republic	7.1							2.7		0.0	3.0			
Ecuador	0.0	0.1	2.8	3.7	2.0	3.3	3.5	3.0	1.8	3.0	3.0	2.7	0.1	
El Salvador	0.5	8.9	4.5	4.8	6.8	-0.6	6.5	3.1	2.8	3.1	2.2	2.6		
Equatorial Guinea						2.2								
Ethiopia					22.2		7.5			-2.8		-1.4		
Eritrea														
Estonia	0.7	0.6	0.4	0.4	0.3	0.2	0.7	-0.1	0.3	-0.1	-0.1	0.0	-0.3	
Fiji						0.6	2.1	0.0	-1.5	-2.2	-3.1			
Finland	-0.2	0.0	0.0	-0.1	-0.1	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.2	
France	0.1	0.2	0.1	0.0	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.0	-0.2	
French Guiana							-3.5	-0.6	1.1	0.3	-0.4	0.1		
French Polynesia						0.3	0.2	0.1	0.3	0.0	0.3	-0.5		
Gabon			-10.0							-6.4	-3.9			
Georgia							-0.5	-0.3	-0.3	1.4	1.2	2.7	1.3	-0.2
Gambia								-37.4		6.5				
State of Palestine									3.2	-0.1	1.9	0.6		
Germany	-0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.2	0.2	0.1	0.0	
Ghana					10.1					-2.0	-2.9			
Kiribati														
Greece	1.7	3.1	2.9	2.5	2.1	1.4	0.3	0.1	0.0	0.0	0.3	0.0		
Grenada	2.4	0.3	1.5	1.2										
Guadeloupe	3.9	3.3			1.4			0.6		-0.7				
Guam					-0.2	2.6	0.9	1.3	1.2	1.4	1.3	0.7	-3.7	
Guatemala					2.0	2.4	2.0	3.3	1.4	1.4	0.7	0.5	0.2	
Guinea	-6.5					24.0		7.6			-0.7	-1.4		
Guyana	-1.6	0.3	0.8	1.5	1.6	1.7	2.9	3.6	2.3	0.7	1.5	1.7	1.8	
Haiti						15.7				-22.7				
Honduras					11.3	11.1		7.2	9.8	10.1		-1.4		
China, Hong Kong SAR	-0.3	-2.1	-1.3	-0.7	-0.4	0.0	-0.1	-0.3	-0.2	-0.2	-0.1	0.1	0.5	
Hungary	-0.3	-0.1	0.0	0.1	0.0	0.1	-0.2	-0.3	-0.1	-0.2	-0.1	-0.2	0.1	
Iceland	-1.0	-0.1	0.2	0.1	0.0	-0.1	0.0	0.0	0.0	0.1	-0.1	-0.3	-0.6	
India	3.1		1.4	1.7	-1.4	0.6	0.3	1.0	-0.1	-0.3	-0.3	-0.2	-0.6	
Indonesia	-4.7	-6.1	-6.6	-6.5	-5.6	-5.6	-2.4	-1.5		2.7	7.5			
Iran (Islamic Republic of)	4.2	4.0	4.2	4.6	3.8	3.8	13.9	7.8	1.2	-1.5	1.4	3.8	2.3	-2.2
Iraq	7.0	1.8	-4.3	-4.3	-3.2	-0.8	9.3	-9.0						
Ireland	-1.0	0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.2	-0.1	-0.1	0.1	0.0	
Israel	-0.3	0.2	1.2	-0.8	-1.3	-0.8	-0.4	-0.5	-0.7	-0.5	-0.2	-0.4	0.1	0.0
Italy	-0.2	0.0	0.0	-0.1	0.0	-0.2	-0.3	-0.2	-0.2	-0.1	-0.1	0.0	-0.2	
Côte d'Ivoire						4.9			12.0	6.0				
Jamaica	3.5	-1.4	-0.9	-1.7	-0.7	0.8	0.9		2.2	0.6				
Japan	0.0	2.2	-0.1	-0.1	-0.2	-0.1	-0.1	-0.1	-0.2	0.0	0.0	0.0	0.4	
Kazakhstan	1.6	1.6	1.6	1.5	1.4	1.4	2.8	1.6	1.6	2.0	1.6	1.0	0.8	-0.2
Jordan	-4.5	-0.2	-0.7	-5.5	-4.0	-3.8	-3.5	-2.8	-1.9	0.6	3.3	-0.1	0.2	
Kenya						-2.4		0.7	0.1	4.3				
Dem. People's Rep. of Korea	15.5	4.5	5.4	2.6	1.3	1.2	1.3	3.0		0.8				
Republic of Korea	0.2	2.4	5.8	3.1	0.2	0.0	-0.3	-0.3	-0.2	-0.2	-0.1	-0.1	0.5	
Kuwait	2.1	-0.2	3.4	3.3	0.1	0.4	3.5	3.8	3.4	4.1	4.7	5.5	7.3	
Kyrgyzstan							0.2	0.7	0.0	0.1	0.4	-0.1	-0.5	0.0
Lao People's Dem. Republic								-3.1	0.9	-1.1	-3.6	2.5		
Lebanon									-1.3					
Lesotho	-1.9	10.4	4.7	5.8	1.3	15.8		-4.5	-0.4	-12.0	-9.7	2.6		

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Figure 3 (cont.), Females

Country\Period	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010	2015	
Afghanistan									-8.6	-9.1	-14.4		1.5		
Albania	4.4	-0.6	-3.0	0.1			0.7	2.2	0.3	0.0	-0.1				
Algeria						2.2	-1.2	3.5	1.9	1.9	1.6	0.9	1.0		
Angola									5.0	-1.3					
Antigua and Barbuda	0.4				1.3	0.3	2.9	3.1	2.2	1.7	1.8	1.5	0.5		
Azerbaijan						6.6	5.7	2.6	2.8	5.0	2.9	2.7	1.7	1.5	
Argentina		-0.3	-0.2	-0.3	0.3	0.4	0.9	0.8	0.5	0.0	-0.2	-0.4			
Australia	-0.1	-0.1	-0.1	-0.3	-0.1	0.0	-0.2	-0.1	0.0	0.0	0.0	0.0	0.0		
Austria	-0.3	0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.2		
Bahamas	1.5	1.0					-2.7	1.2	-1.3	-0.8		-1.0			
Bahrain						-4.2	2.7	-0.5	-0.7	-0.9	0.0	0.6	0.6	0.1	
Bangladesh						0.2	-1.1	-3.1	2.7	-1.9	0.6	0.8	-1.2		
Armenia							3.1	3.6	2.6	0.9	0.8	0.5	0.2		
Barbados	-0.1	4.6	4.4	4.3	3.7	3.3	4.2	2.9	1.9	1.5	1.8	1.7			
Belgium	-0.2	-0.1	-0.1	0.0	-0.1	-0.1	0.0	-0.1	0.0	0.2	0.3	0.1	-0.1		
Bhutan						0.6		14.3	0.8						
Bolivia (Plurinational State of)					17.8			-7.5	2.2			-0.4			
Bosnia and Herzegovina							0.4	0.8	0.6	-0.2	0.2	-0.1			
Botswana					1.7	0.7	1.3	10.7	6.0	4.2	11.4	1.5			
Brazil	2.3		4.8	4.8	5.3	4.7	2.9	2.0	-0.2	-0.6	-0.9	-0.3			
Belize						0.6		0.7	4.8		2.1				
Solomon Islands						1.9		-1.2		11.7					
Brunei Darussalam			-6.5	0.7					-0.1	0.0	2.0				
Bulgaria	0.4	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.2	0.1			
Myanmar	3.3				5.4	7.2	-1.2			1.1	2.6	0.6			
Burundi		-5.8							-3.6	2.1	1.4				
Belarus	2.4	2.3	2.0	2.6	2.0	1.4	0.6	0.3	1.0	0.9	0.7	-0.3	0.1		
Cambodia	0.6					11.5	2.4			-27.9	1.0				
Cameroon							1.8	4.5	5.1	5.3	10.1				
Central African Republic	-1.7							8.9							
Sri Lanka	0.3	0.4	1.4	-0.5	-0.4	0.4	1.6	2.9	3.4	0.7	0.3	0.4			
Chad			-5.7						10.8						
Chile	-1.4	0.0	-0.2	1.2	0.0	0.3	0.5	-0.6	-1.0	-0.7	0.3	0.4			
China							2.5	-0.3	0.5	-6.3	3.8				
China, Taiwan Province of China	-0.2	0.1	0.8	0.2	0.3	0.0	-0.2	-0.1	-0.5	-0.9	-0.5	-0.3	-0.5		
Colombia	-4.1	0.6	3.2	3.8	3.6	2.9	1.7	1.6	2.2	2.6	2.5	2.3			
Comoros	2.1												-5.6		
Mayotte															
Congo				14.6	5.7										
Dem. Republic of the Congo	0.3														
Costa Rica	0.4	2.3	1.6	1.8	2.0	1.2	0.8	0.4	0.5	0.7	1.1	1.1			
Croatia							0.2	0.1	-0.1	-0.2	-0.3	-0.3			
Cuba			2.6	1.7	0.6	0.7	0.2	0.1	0.0	0.1	-0.6	-0.8			
Cyprus	4.0		-2.3	-1.8	-2.0	-1.6	-1.1	-0.6	-0.1	0.6	1.2	1.8			
Czech Republic	-0.4	0.1	0.1	0.1	0.1	0.1	-0.1	0.1	0.0	-0.1	0.1	0.3			
Benin							0.2	3.9							
Denmark	-0.1	0.0	-0.1	-0.1	-0.1	0.1	0.0	0.0	-0.1	-0.1	-0.1	0.1			
Dominican Republic	5.6							0.1	0.1	2.6					
Ecuador	0.0	0.1	2.8	2.9	-1.4	3.9	3.5	3.2	1.6	2.2	2.2	2.6	2.5	0.3	
El Salvador	-1.8	8.1	4.2	5.4	3.1	4.5	3.0	2.1	2.3	1.7	1.3				
Equatorial Guinea					2.0			5.0							
Ethiopia					21.7	6.7		1.7		-1.2					
Eritrea															
Estonia	0.2	0.5	0.3	0.3	0.2	0.3	0.0	0.1	-0.1	0.0	0.1	-0.2			
Fiji						0.5	2.6	-0.4	-2.5	-4.2	-4.9				
Finland	-0.2	-0.1	0.0	-0.2	-0.1	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.1		
France	0.2	0.2	0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.2	0.2		
French Guiana							-1.2	1.1	-0.7	-0.5	-0.2	-0.3			
French Polynesia						0.9	0.3	-0.2	0.4	0.1	0.3	-0.7			
Djibouti									-6.7	-4.7					
Gabon	1.4														
Georgia							-0.2	0.0	1.3	0.6	2.5	1.3	-0.4		
Gambia									36.6	7.3					
State of Palestine								3.3	1.1	1.0	-0.1				
Germany	-0.1	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.1	0.1			
Ghana	7.8								7.4						
Kiribati															
Greece	0.4	2.0	1.6	1.8	1.2	0.3	0.0	-0.1	-0.1	-0.2	-0.1	0.2	0.0		
Grenada	4.1	2.8	1.4	1.1											
Guadeloupe	4.3	2.9			1.0				0.4						
Guam						4.0	3.6	3.9	3.7	2.6	1.5	0.4	-3.5		
Guatemala		2.1	2.7	3.5	2.9	0.9	1.8	1.4	1.3	0.4					
Guinea	-6.8				24.8		12.8			1.4	0.5				
Guyana	-3.7	-1.8	-0.7	1.2	1.5	1.6	2.6	3.3	3.1	3.5	1.4	2.7	3.2		
Haiti					18.9				22.5						
Honduras		10.5	9.8	5.3	7.0	7.9			10.5	7.4					
China, Hong Kong SAR	-0.6	-1.7	-0.7	-0.5	-0.2	0.1	-0.1	-0.3	-0.3	-0.1	0.1	0.4	-0.1		
Hungary	-0.3	-0.1	0.0	0.0	0.0	0.0	-0.2	-0.3	-0.2	-0.1	-0.1	0.0			
Iceland	-1.0	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	-0.1	-0.1	-0.4			
India	3.1		1.1	0.7	-2.2	-0.6	0.1	1.2	0.1	0.1	0.6	0.0	-1.3		
Indonesia	-6.6	-7.4	-7.1	-6.3	-5.4	-3.6	-1.6	-1.0	2.1	-0.7	-0.6	2.8	-1.5		
Iran (Islamic Republic of)	7.4	6.2	5.1	4.0	3.3	4.4	2.1	-3.8	2.7	3.8	2.8	-1.5			
Iraq	6.6	3.7	1.2	-1.3	0.5	-2.6	3.6	-11.8							
Ireland	-1.0	0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	0.0		
Israel	-0.4	0.1	0.7	-0.5	-1.1	-0.6	-0.4	-0.6	-0.8	-0.6	-0.2	-0.1	0.2		
Italy	-0.2	0.0	-0.1	-0.1	-0.2	-0.2	-0.3	-0.2	-0.2	-0.1	-0.1	0.0	-0.1		
Côte d'Ivoire						4.6		8.2	8.1						
Jamaica	4.1	-3.3	0.0	-0.4	0.1	-0.4	1.8	1.1	0.4	0.1					
Japan	0.1	0.2	-0.1	-0.2	-0.1	-0.1	-0.1	-0.2	0.0	0.0	0.0	0.2			
Kazakhstan	1.4	1.4	1.3	1.2	1.1	1.0	0.9	1.5	1.5	1.3	0.6	-0.2			
Jordan	-1.1	-1.4	-5.7	-4.4	-3.1	-3.0	-2.7	-2.0	-2.4	-2.0	0.6	-2.0	-1.8		
Kenya			-2.3	0.6		2.6			11.6						
Dem. People's Rep. of Korea	7.2	2.0	2.6	-0.1	-0.2	1.2	1.5	2.7		1.0					
Republic of Korea	-0.5	0.6	7.3	3.4	0.0	-0.1	-0.2	-0.3	-0.3	-0.4	-0.1	0.4			
Kuwait	3.1	0.6	4.0	4.2		1.5	2.0	3.9	3.7	2.7	2.3	2.4	3.4	4.6	
Kyrgyzstan						0.3	0.3	0.4	0.5	0.5	-0.1	-0.4	0.0		
Lao People's Dem. Republic								1.8	1.7	0.2	-1.1	-9.7			
Lebanon									-1.5						
Lesotho	-3.3	15.1	7.2	15.6	7.3		20.3	1.8	5.8	-12.1	-7.8	8.6			
Country\Period	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010	2015	
Latvia									0.3	0.2	0.2	0.1	0.5	-0.2	-0.1
Liberia										2.5				-25.4	
Libya															
Lithuania									0.2	0.6	0.4	0.3	0.1	-0.3	-1.0
Luxembourg									-0.1	0.2	-0.1	-0.5	0.3	0.0	0.5
China, Macao SAR															
Madagascar												8.5			
Malawi										1.9	-3.0	-3.9	21.4	-16.1	
Malaysia										0.8	1.0	1.2	0.8	0.1	-0.4
Maldives											-0.2	2.7	1.1	0.3	-0.7

Table 1 Common sources of external estimates

NSO	Official estimates. The series are from National Statistical Offices (NSO), either from NSO's websites, or from publications. The data collected by the United Nations Population Division. Estimation methods could be found in the NSO publications or online but it is not necessarily readily available for all countries.
SYB	Official estimates. The series are from National Statistical Offices (NSO) but from statistical year books only.
UNSDDYB	Official estimates reported by the member states to the United Nation Statistics Division (UNSD). The data are collected annually by sending questionnaires to relevant statistical authorities in the countries. Information on the estimation process is not collected and is not available for such series. For European countries, UNSD receives data from Eurostat.
Eurostat	The data are Eurostat online database. Documentation is available at the Eurostat website (https://ec.europa.eu/eurostat/data/database).
Transmonee	The series are from Transmonee database of UNICEF (http://transmonee.org/). The data collection for this database is similar to that of UNSD but covers only countries of former Eastern Europe and Central Asia, and selected countries and indicators data from surveys are included as well.

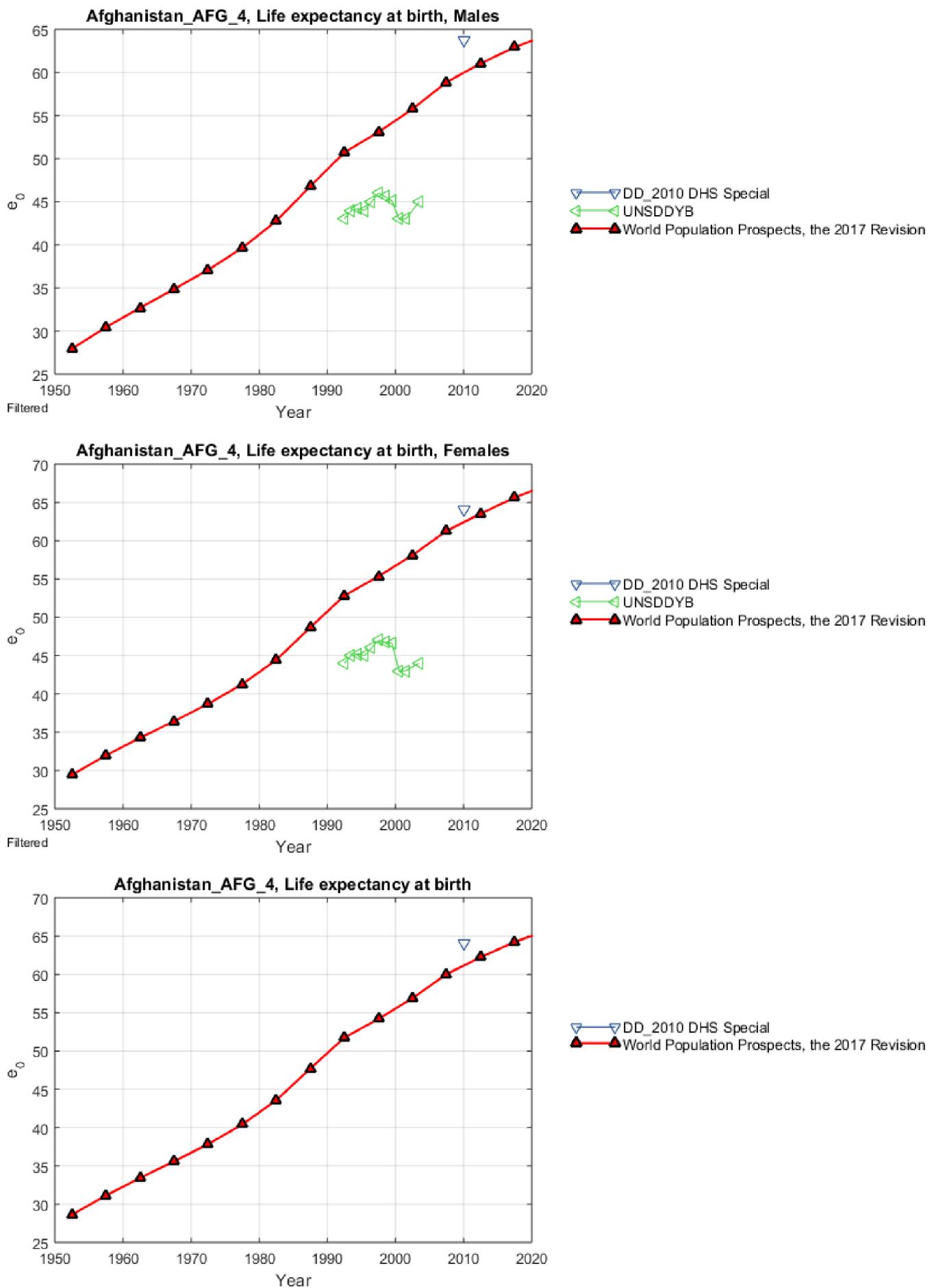
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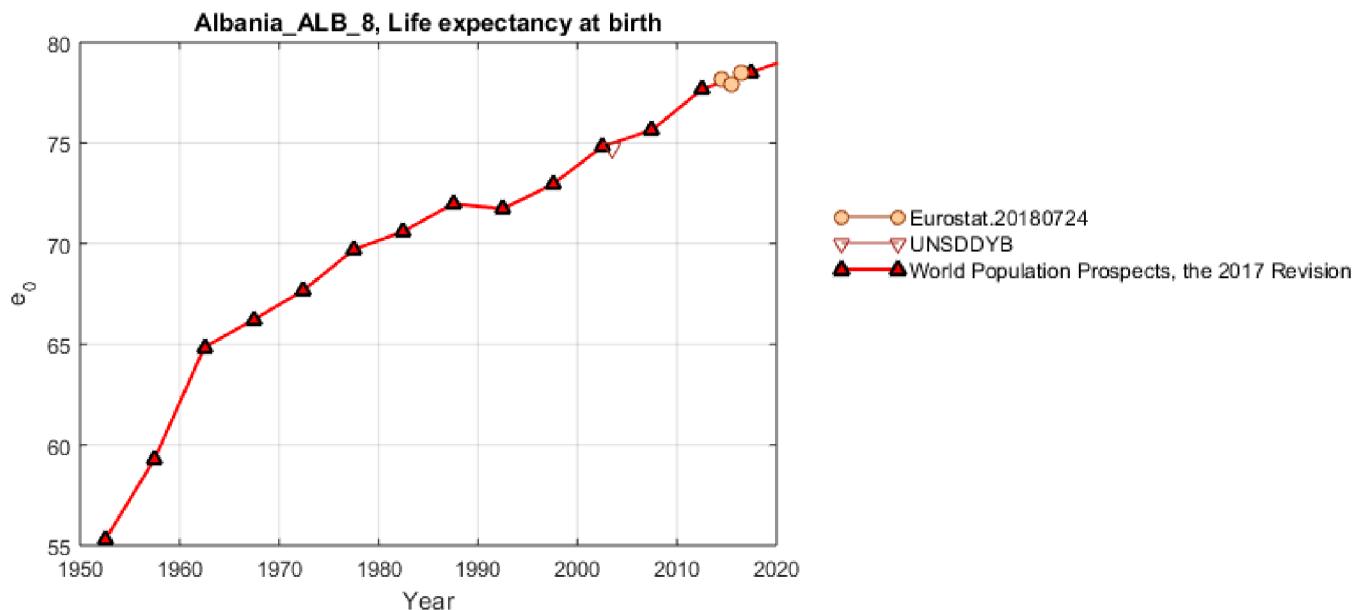
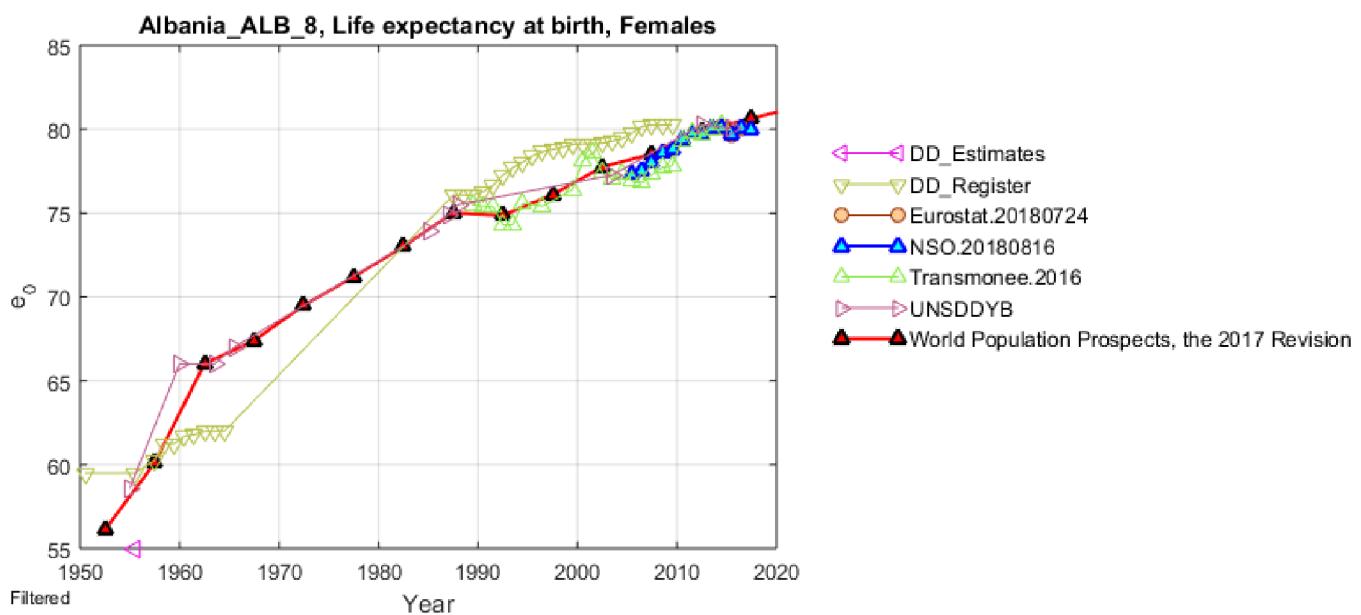
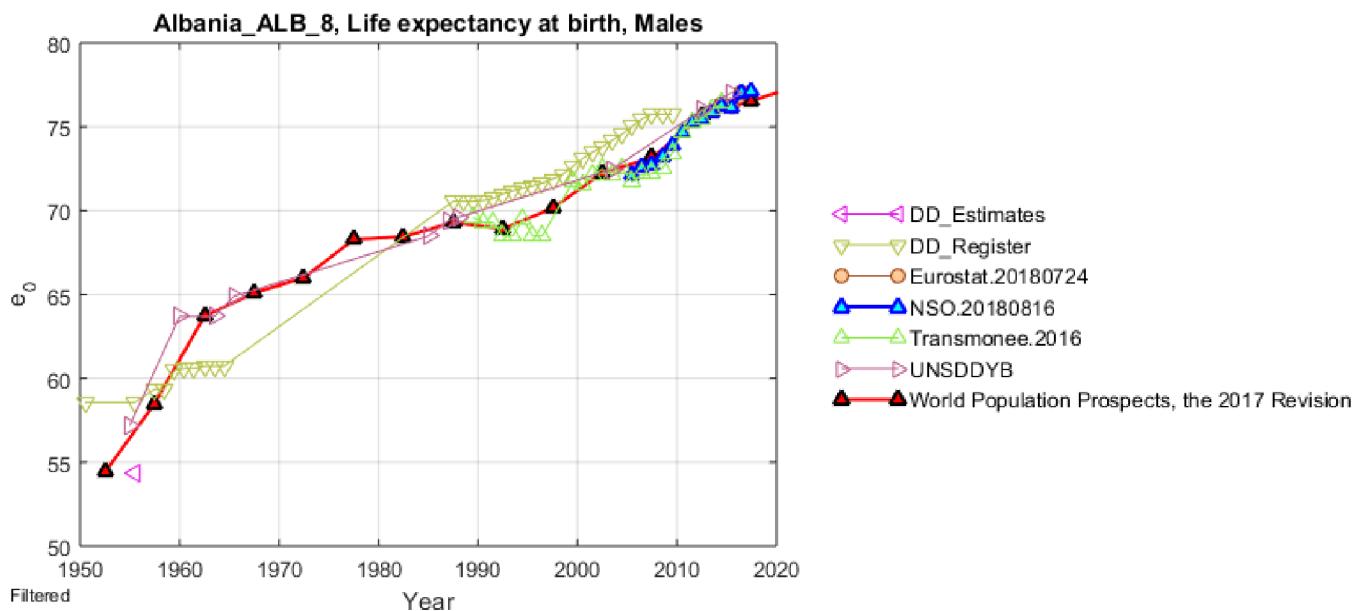
Figure 3 Trends in Estimates of Life expectancy at Birth for all Countries in the World Together with External Data Compiled from Different Sources

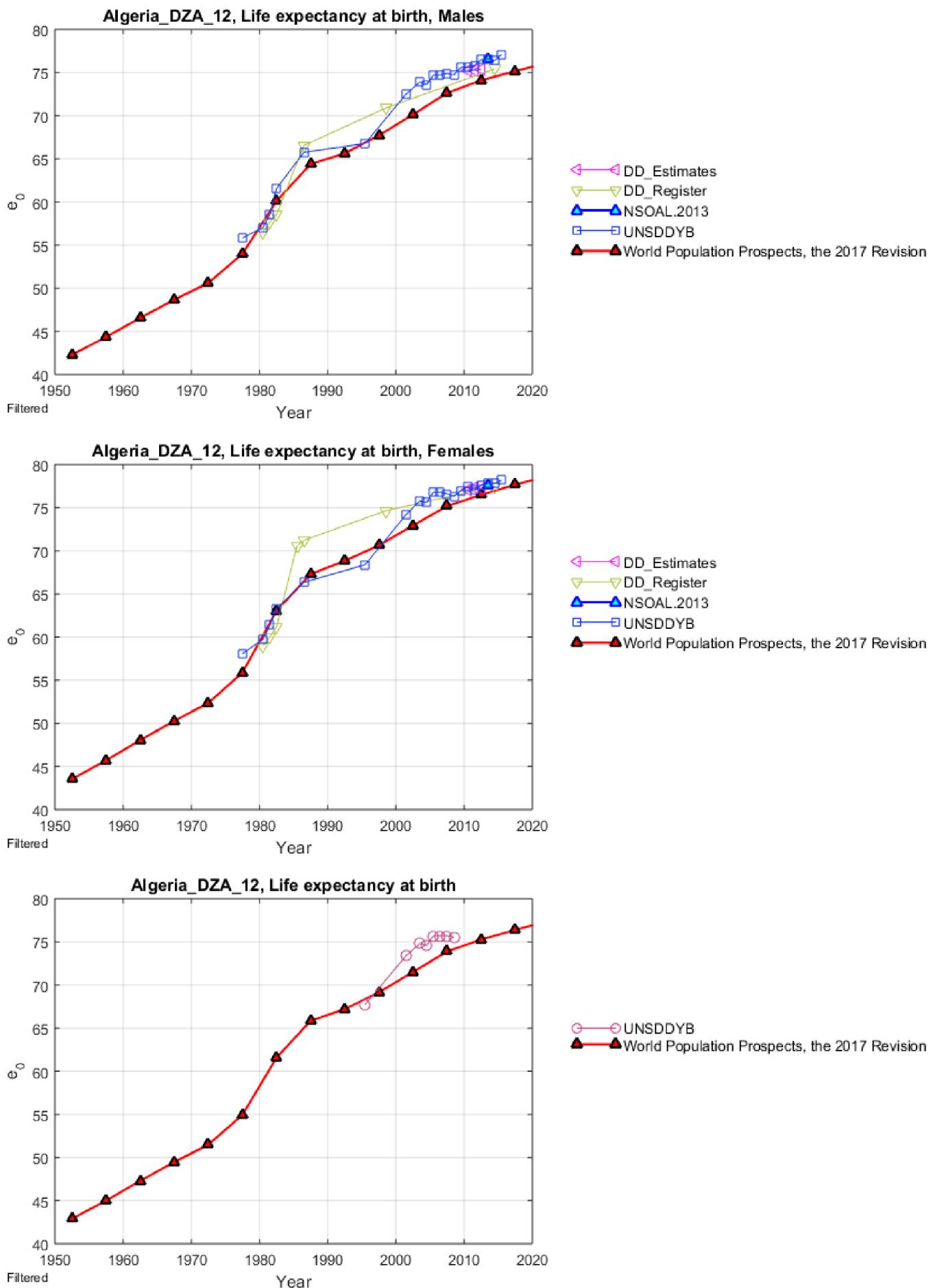
The figure is available at this link

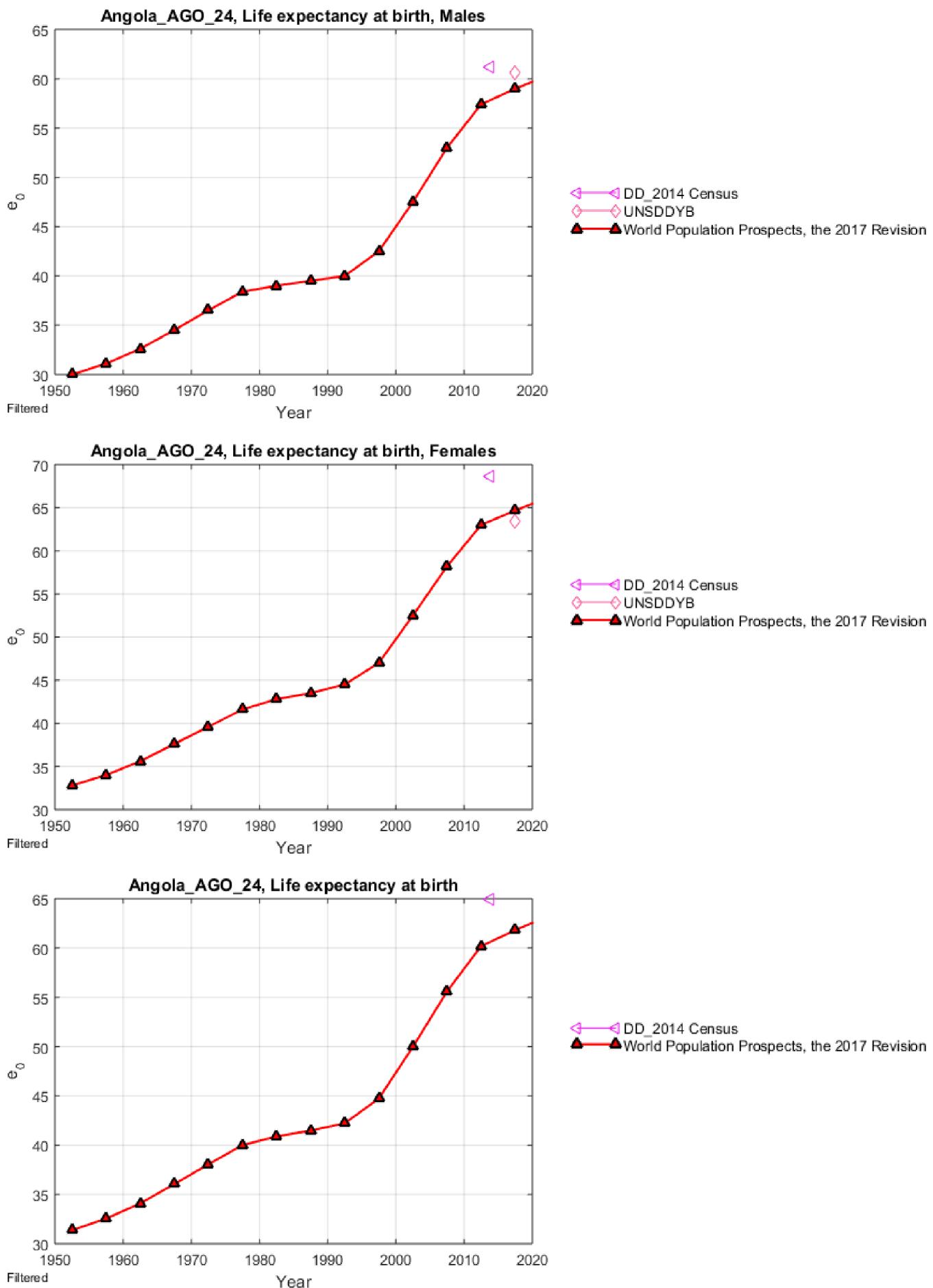
http://kirillandreev.com/2019_PAA/Andreev_etal_WPP-Life-Tables--Data-and-Methods_FigureCountries.pdf

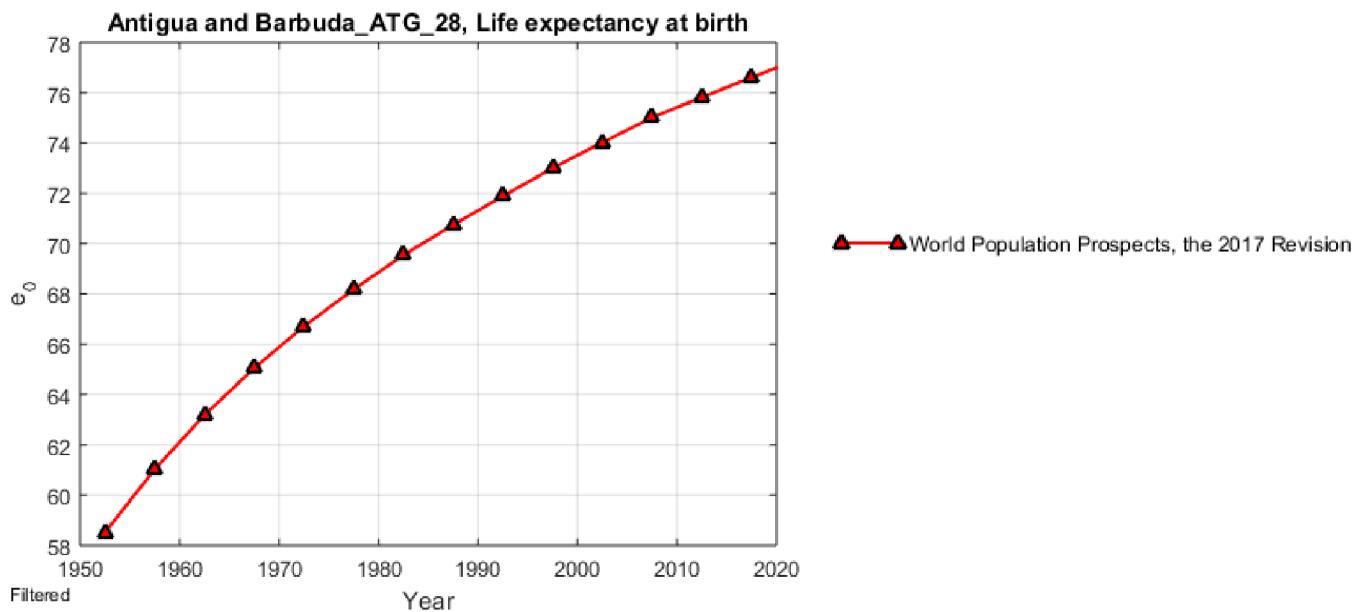
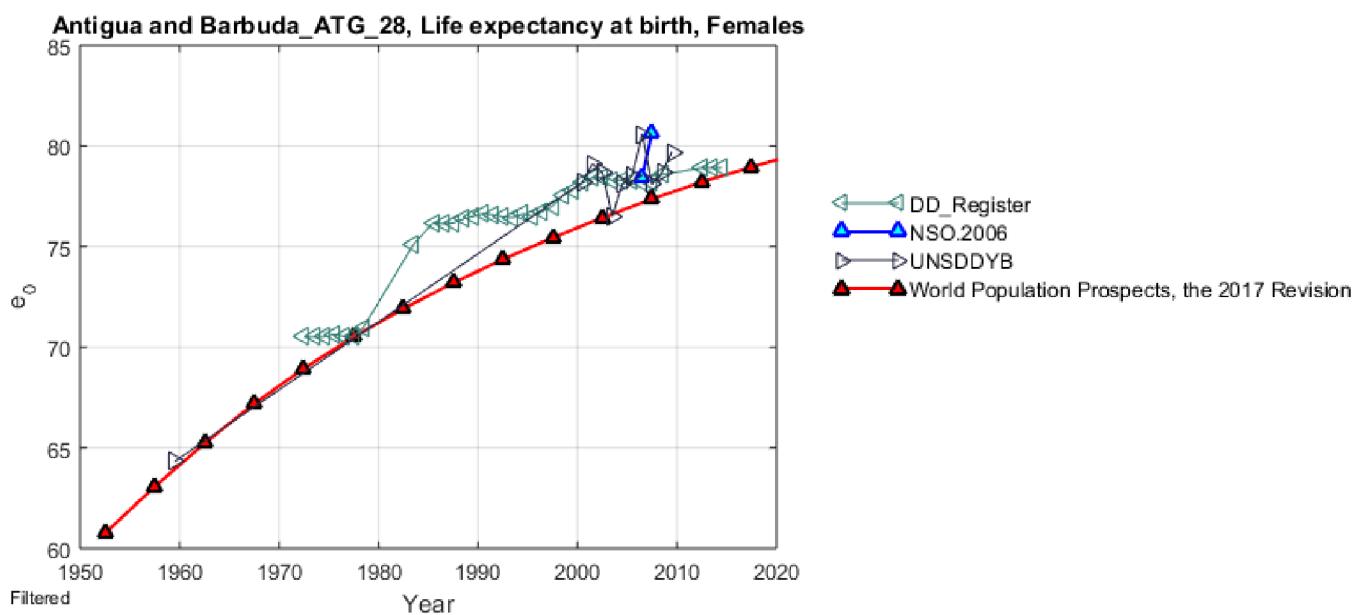
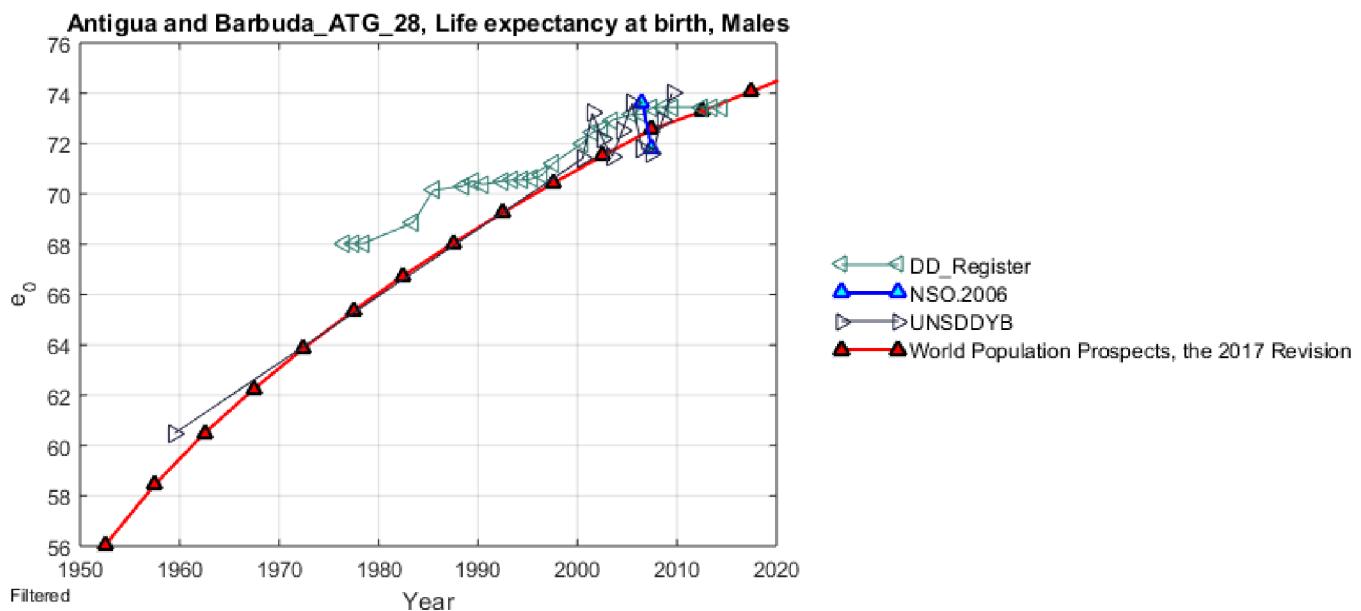
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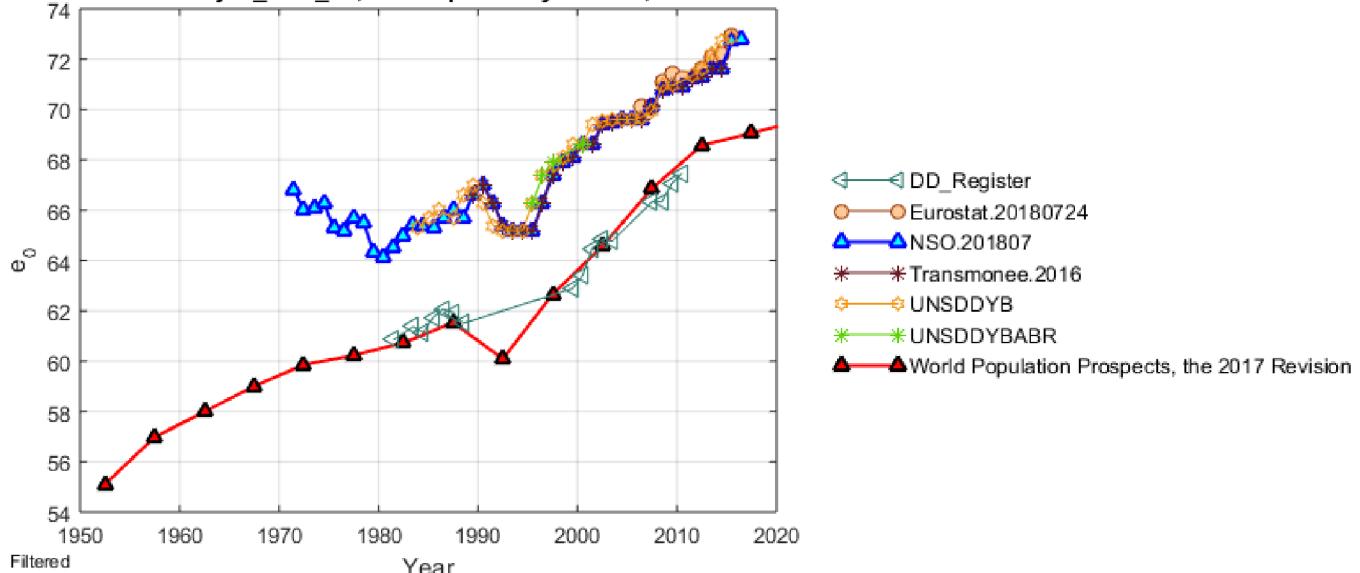




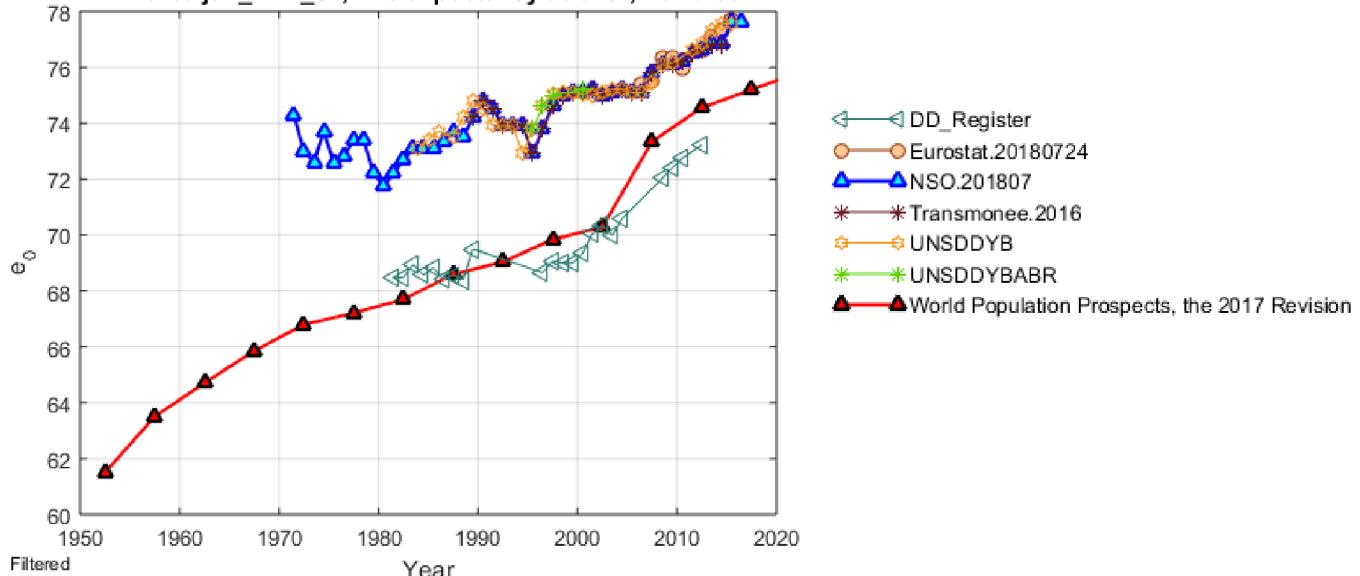




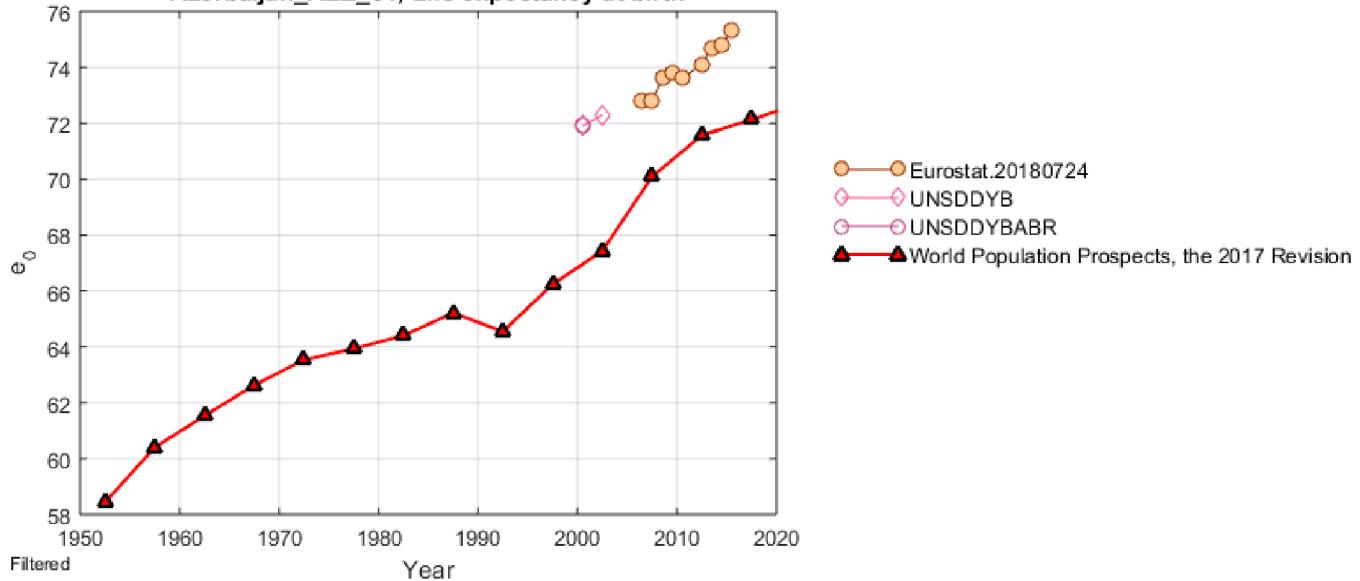
Azerbaijan_AZE_31, Life expectancy at birth, Males

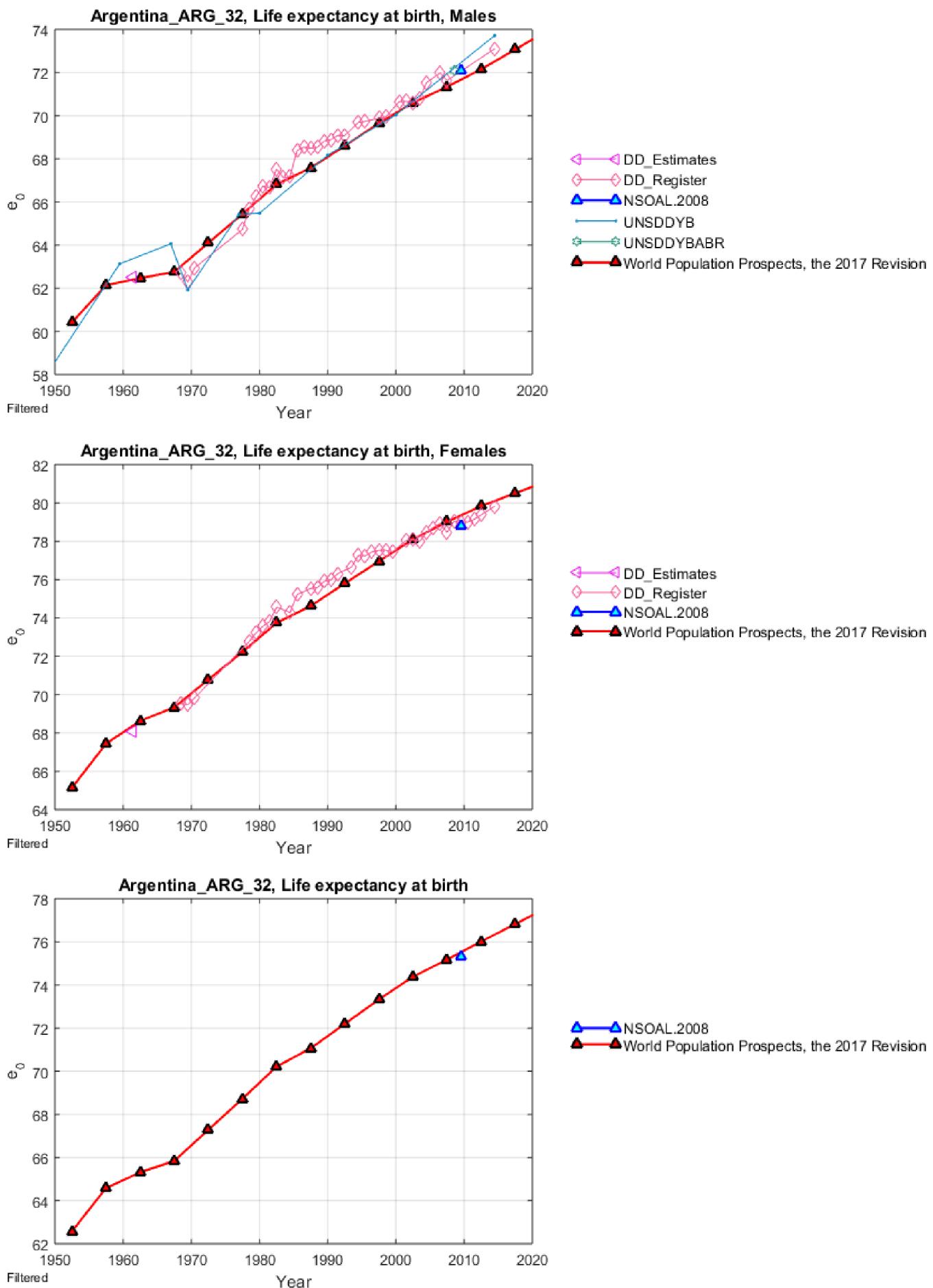


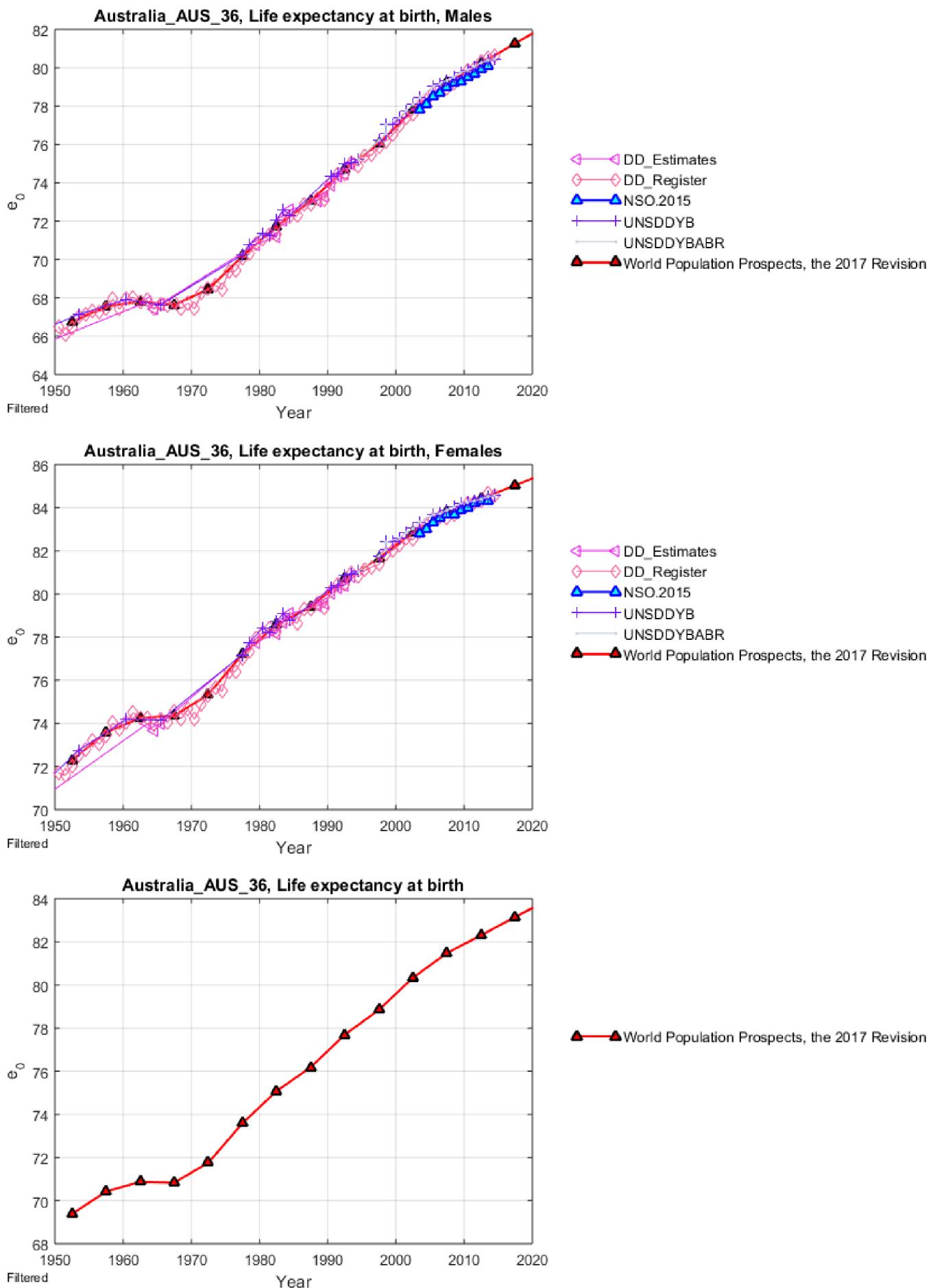
Azerbaijan_AZE_31, Life expectancy at birth, Females

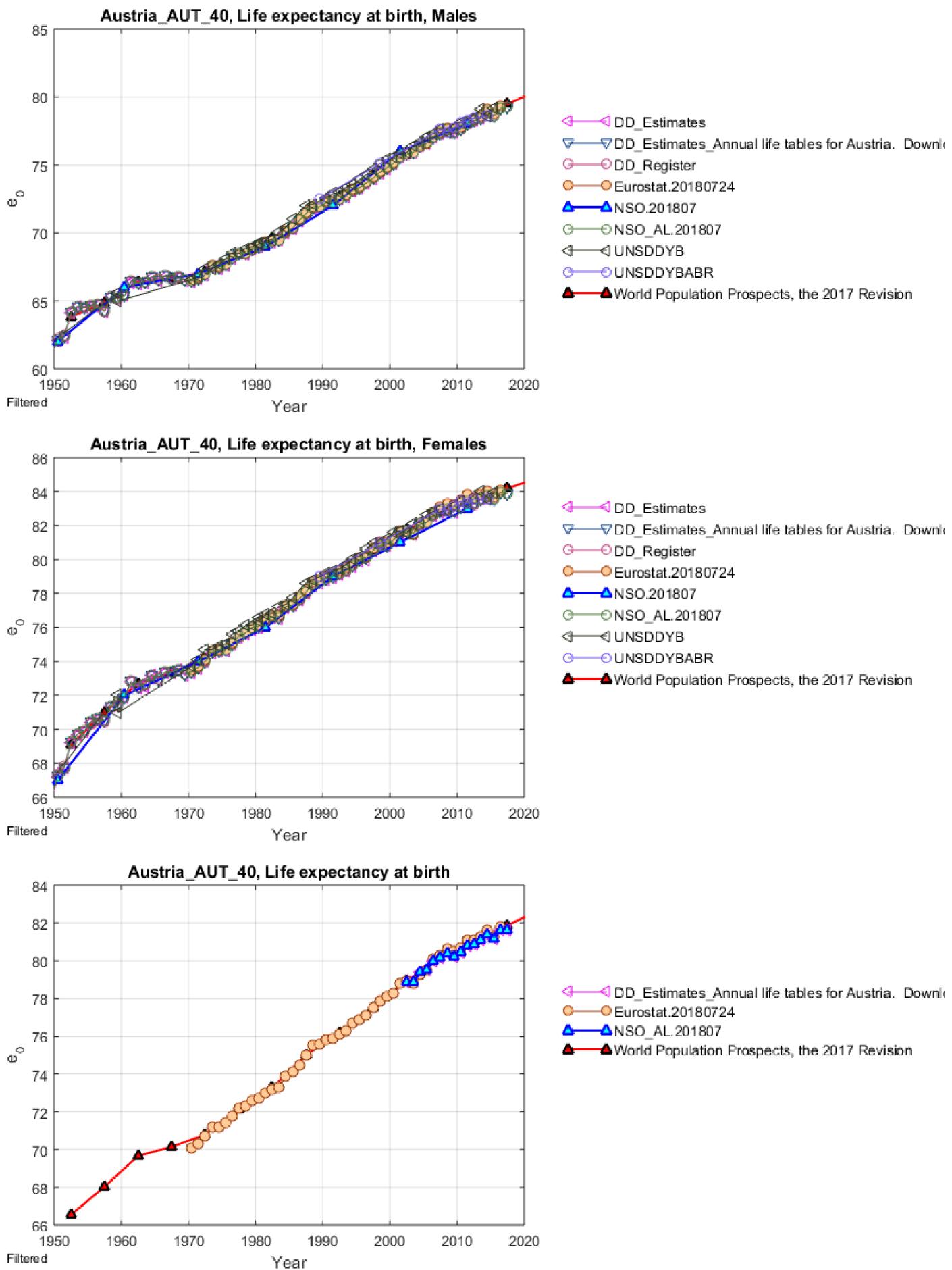


Azerbaijan_AZE_31, Life expectancy at birth

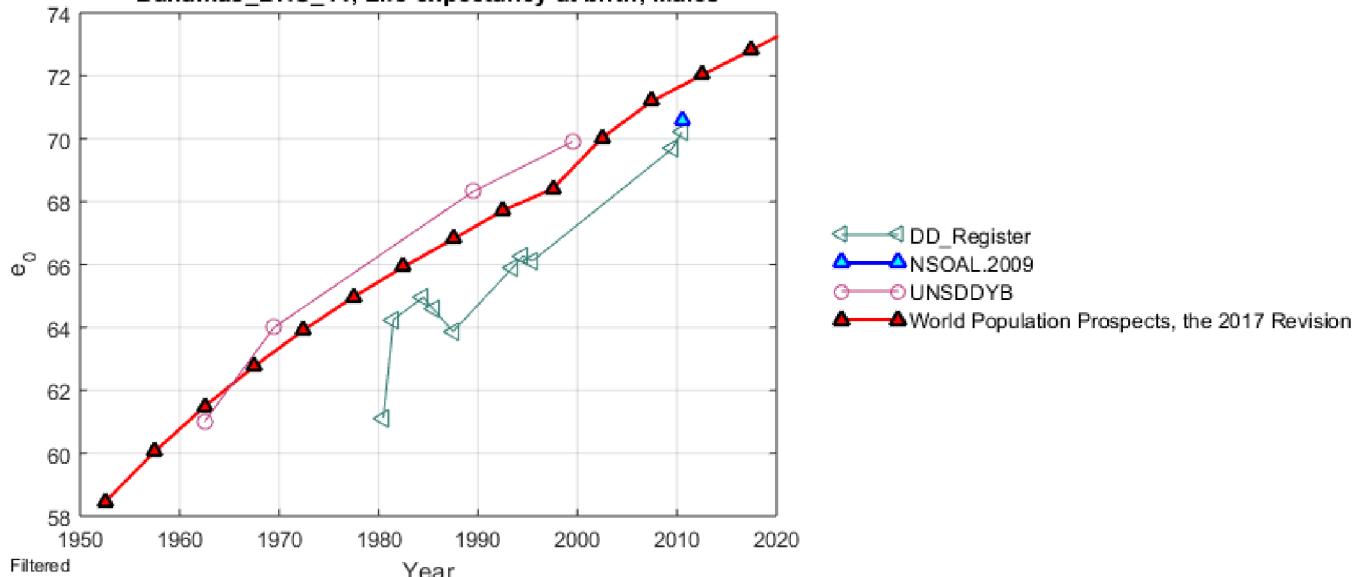




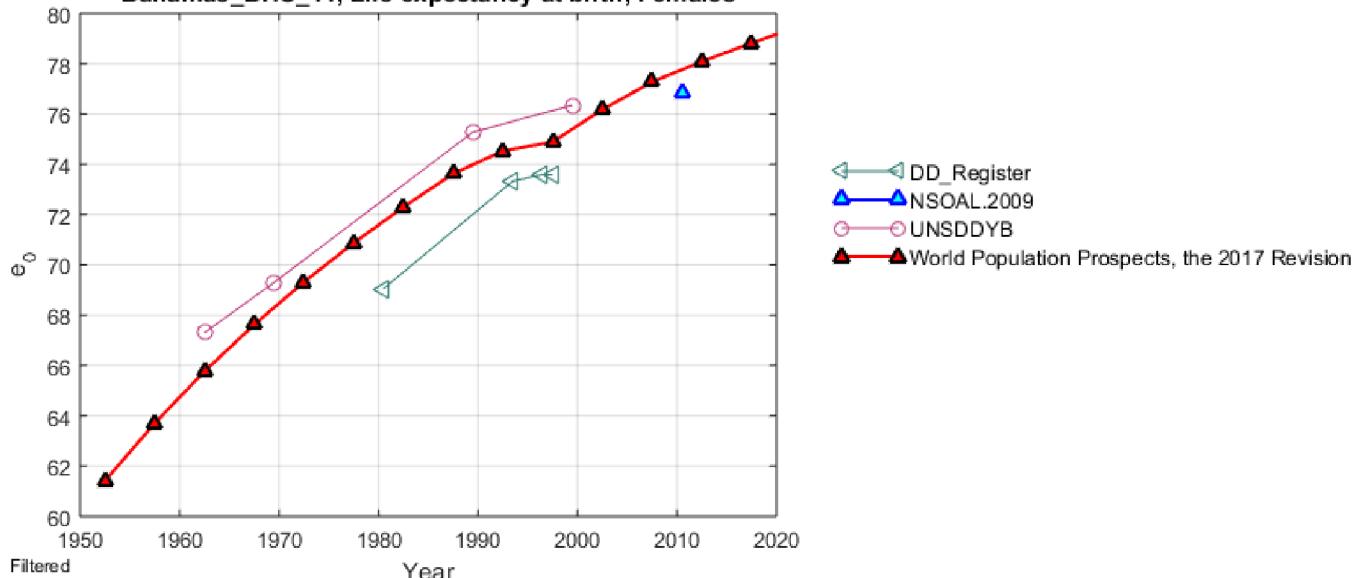




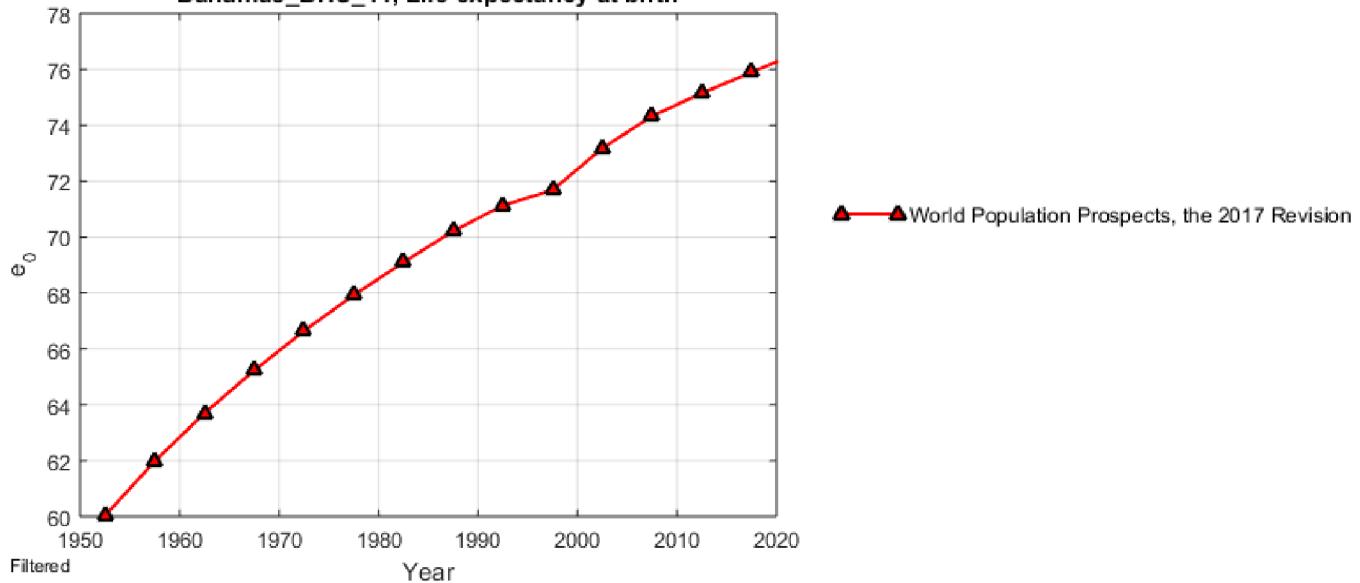
Bahamas_BHS_44, Life expectancy at birth, Males

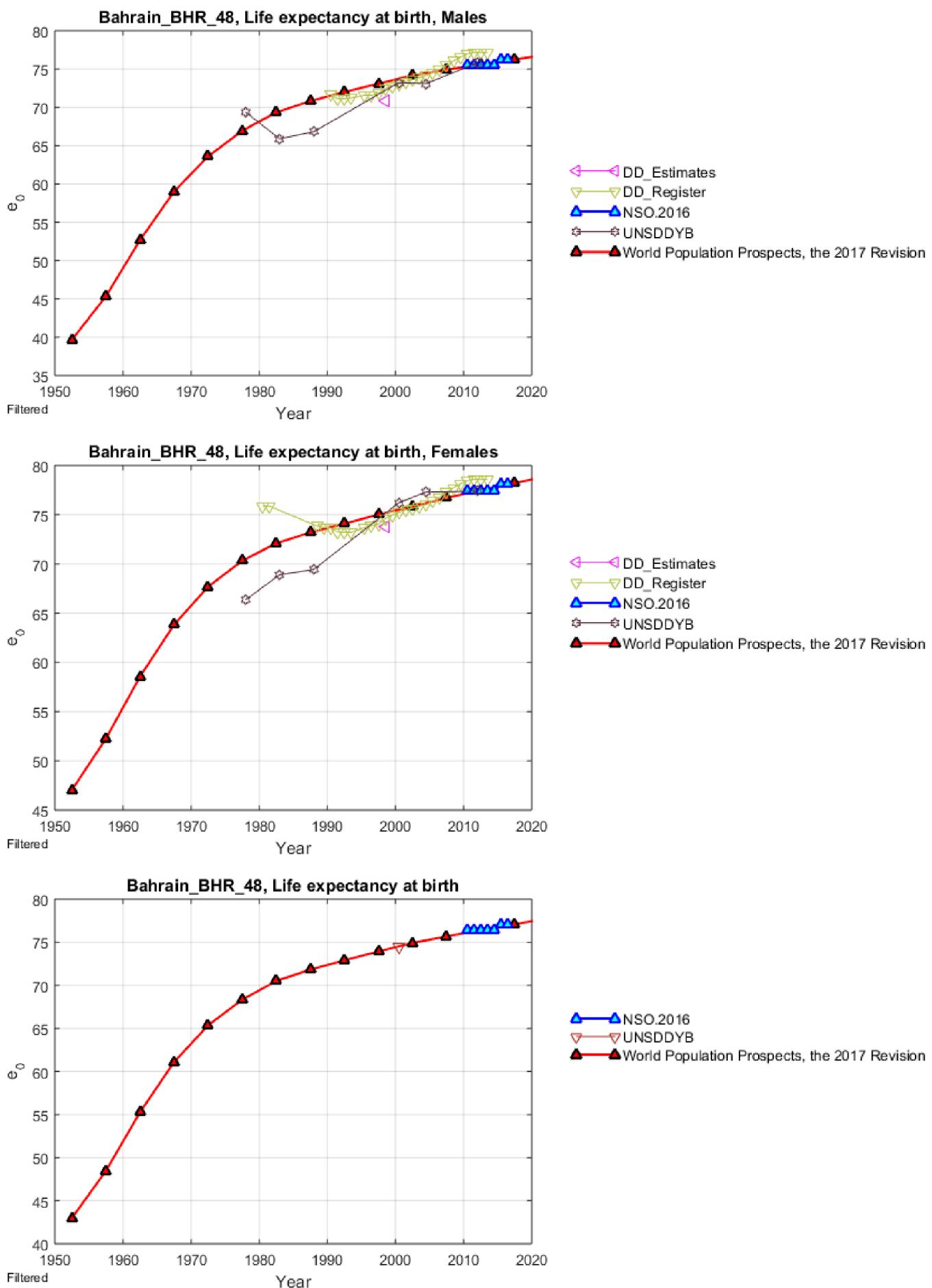


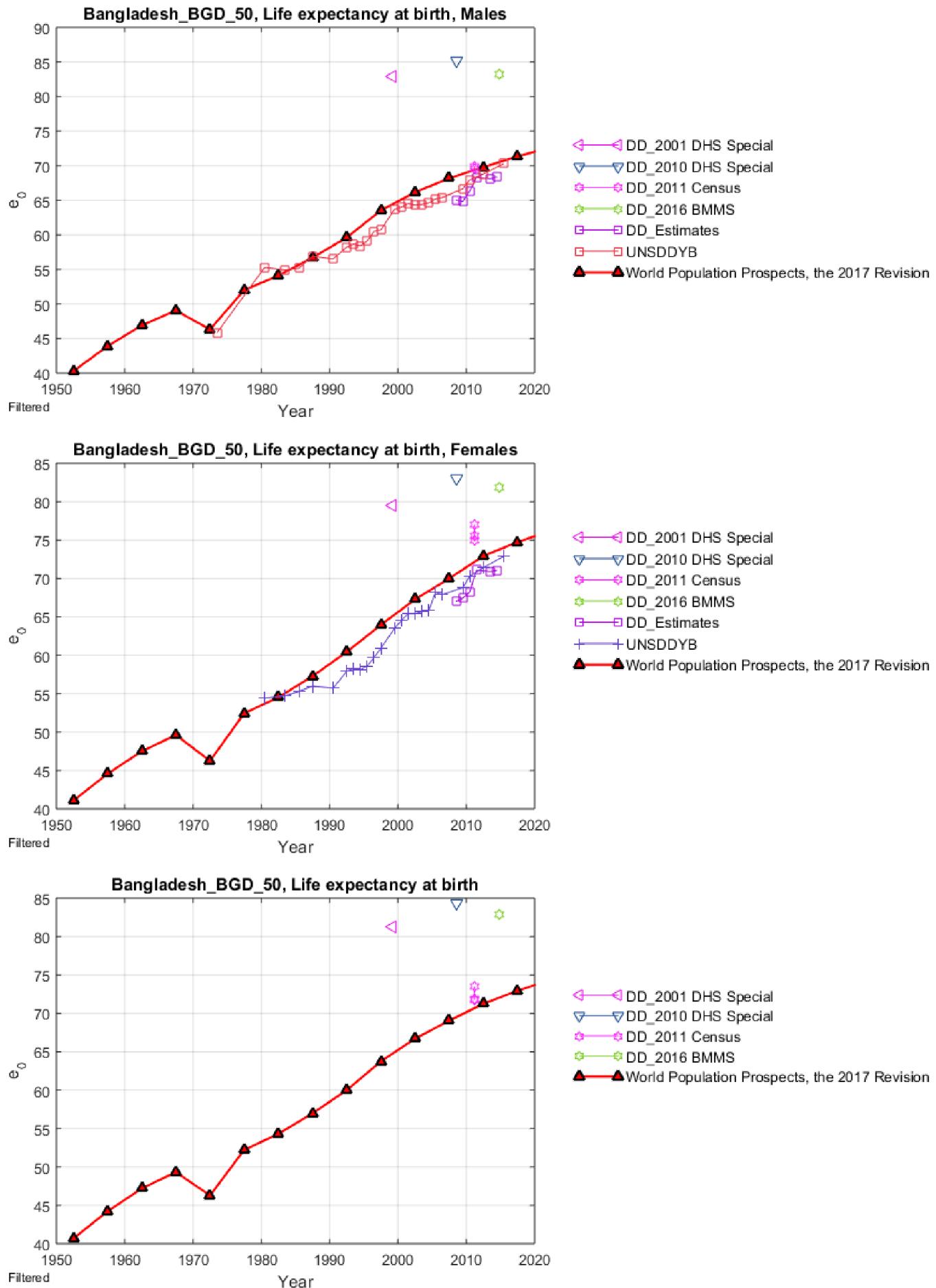
Bahamas_BHS_44, Life expectancy at birth, Females

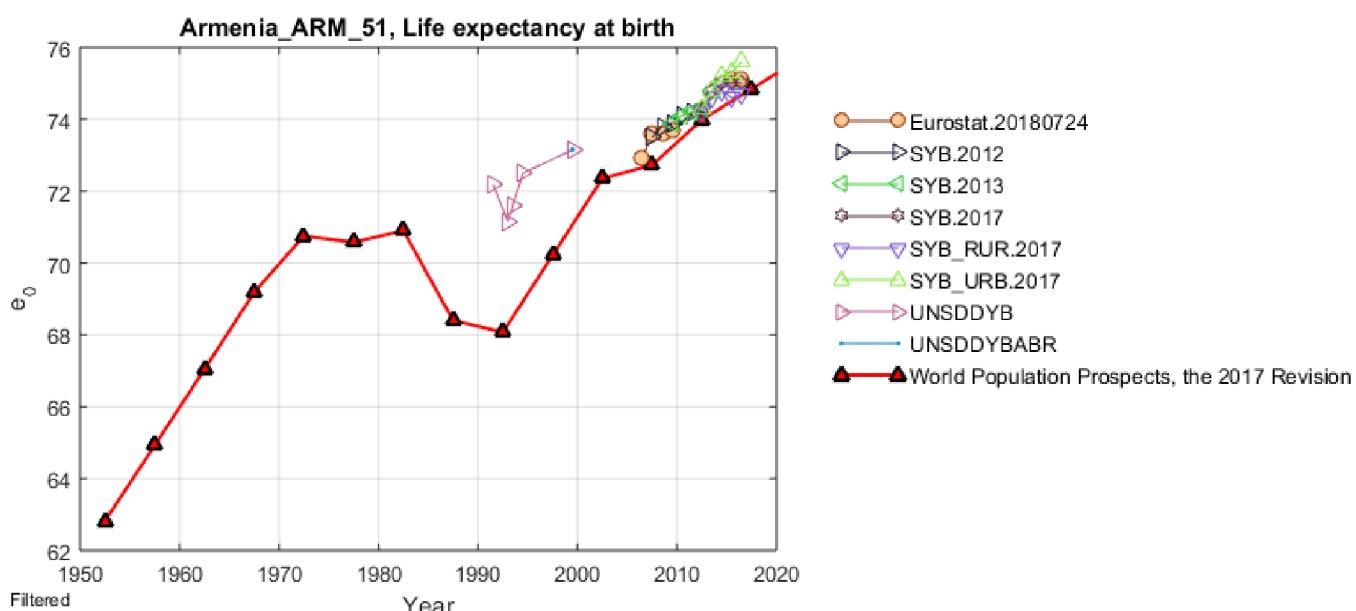
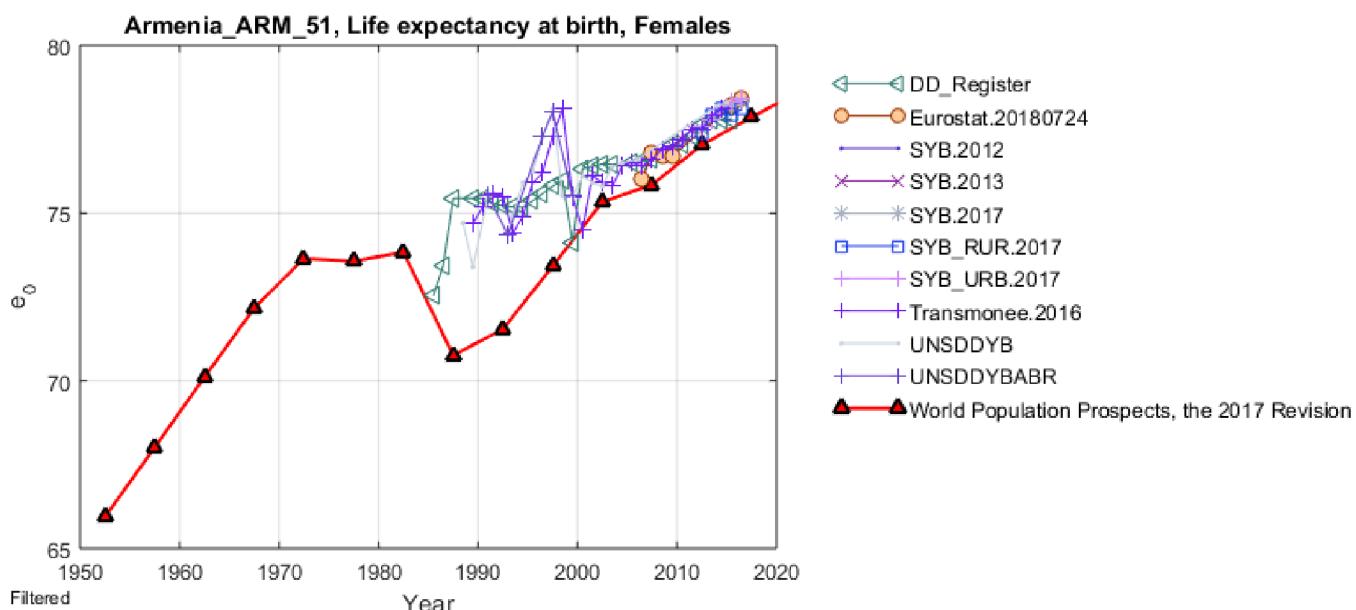
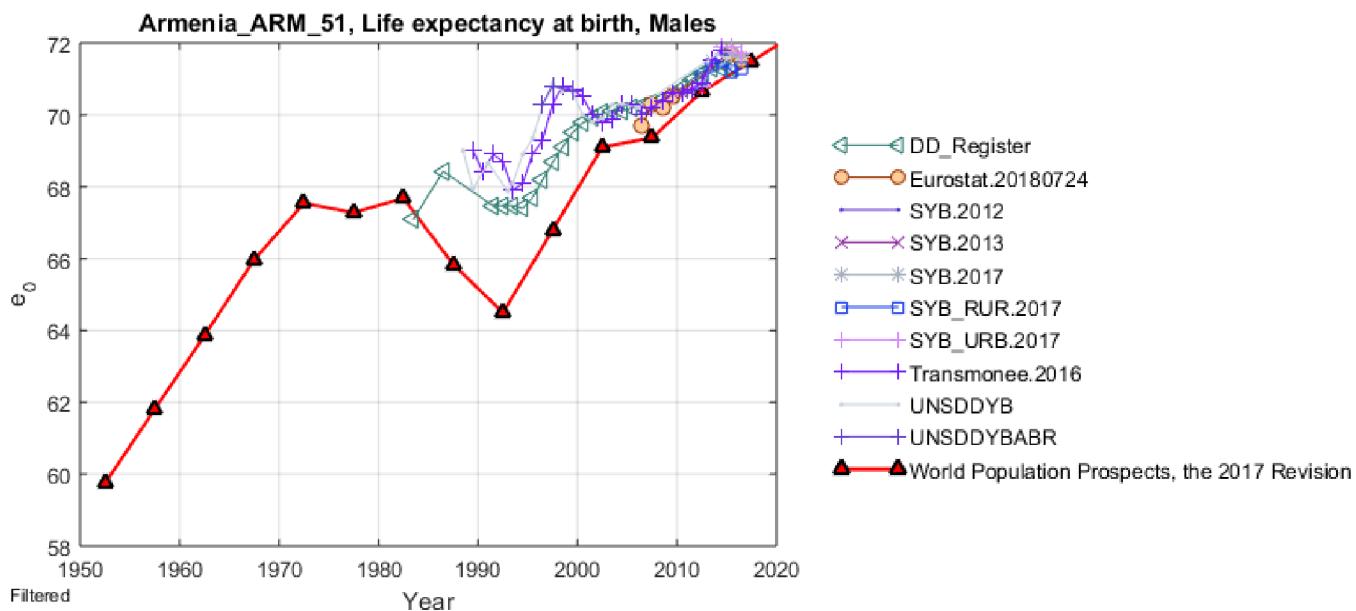


Bahamas_BHS_44, Life expectancy at birth

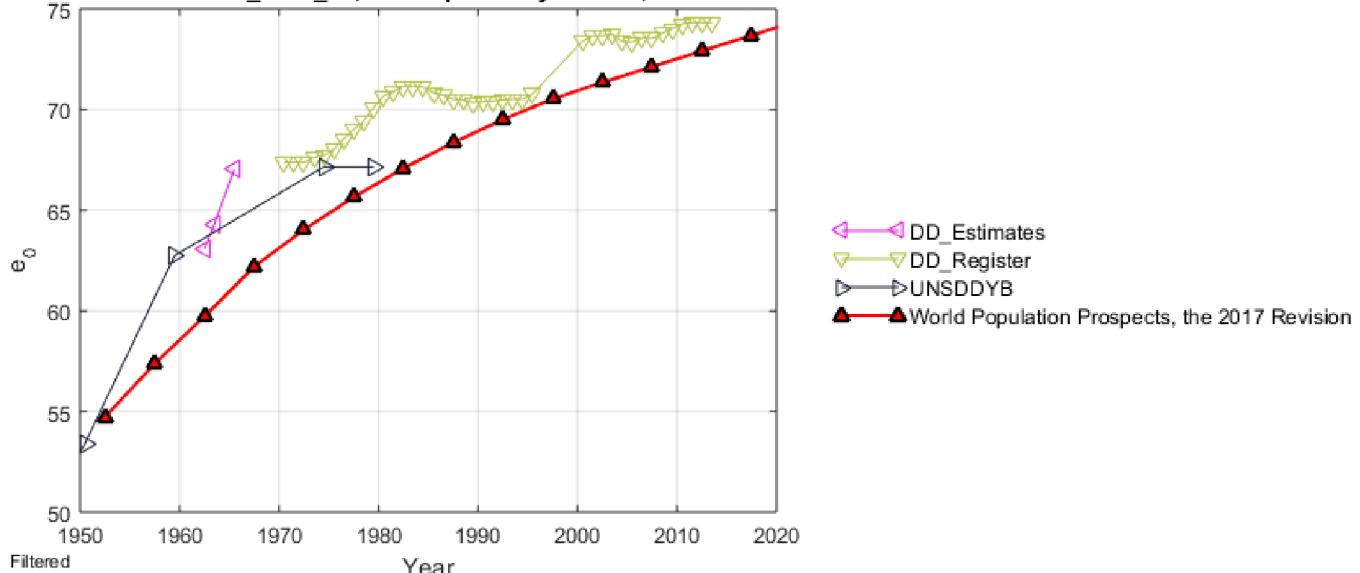




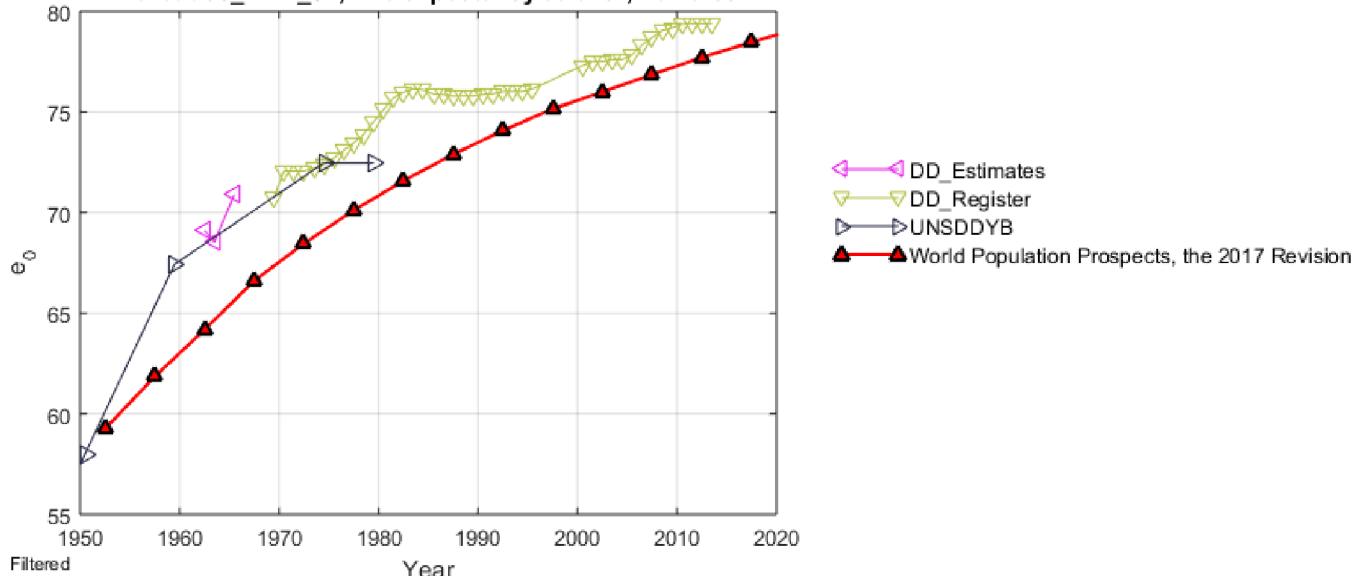




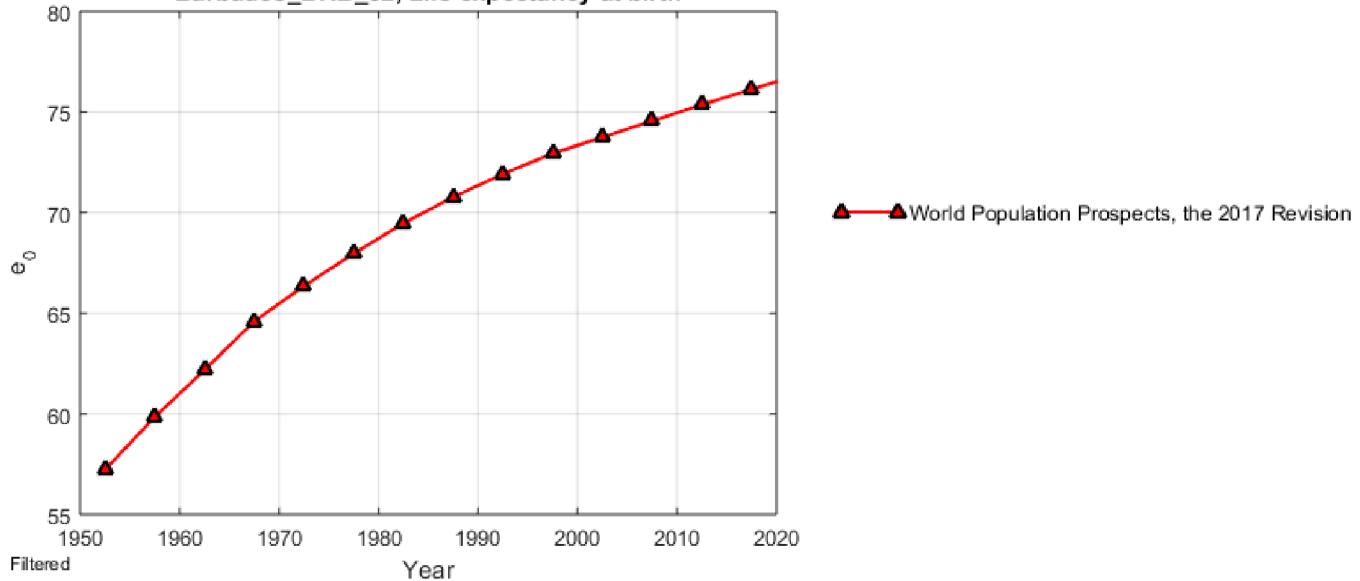
Barbados_BRB_52, Life expectancy at birth, Males

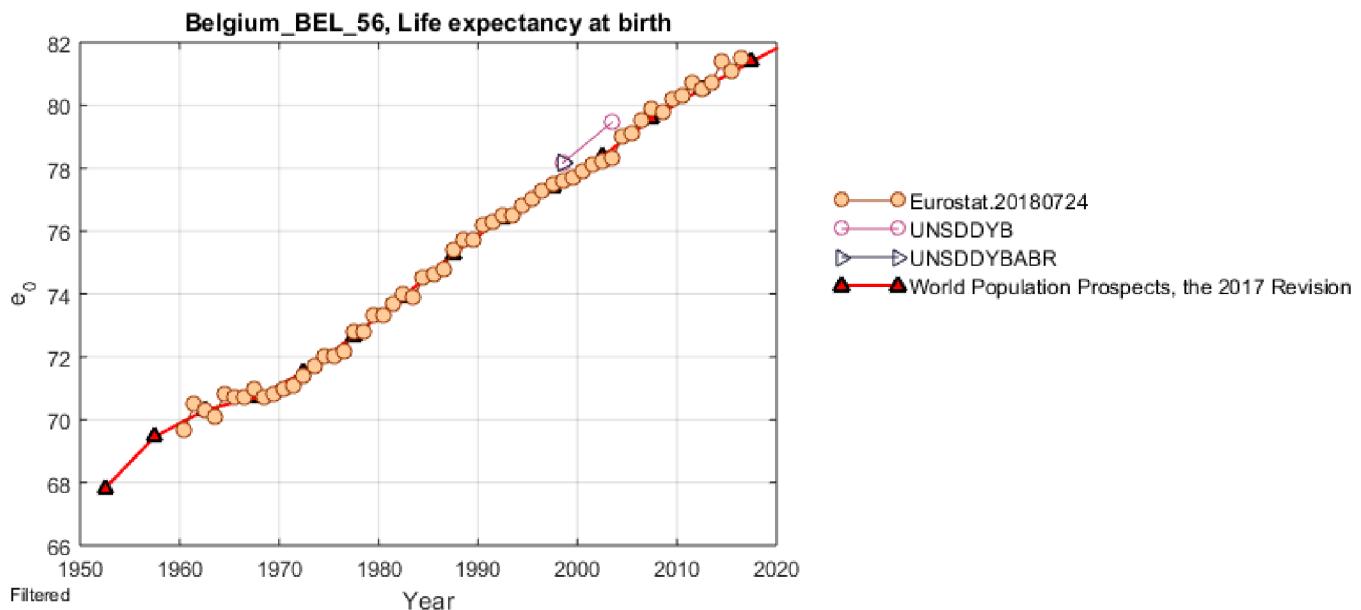
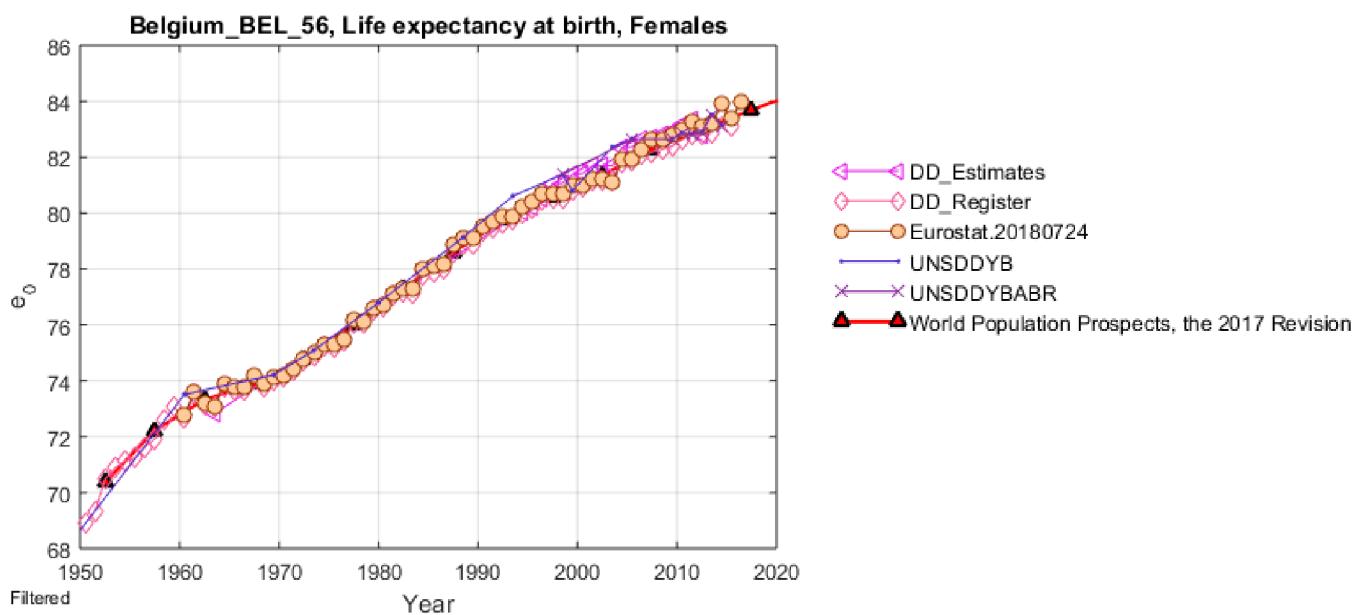
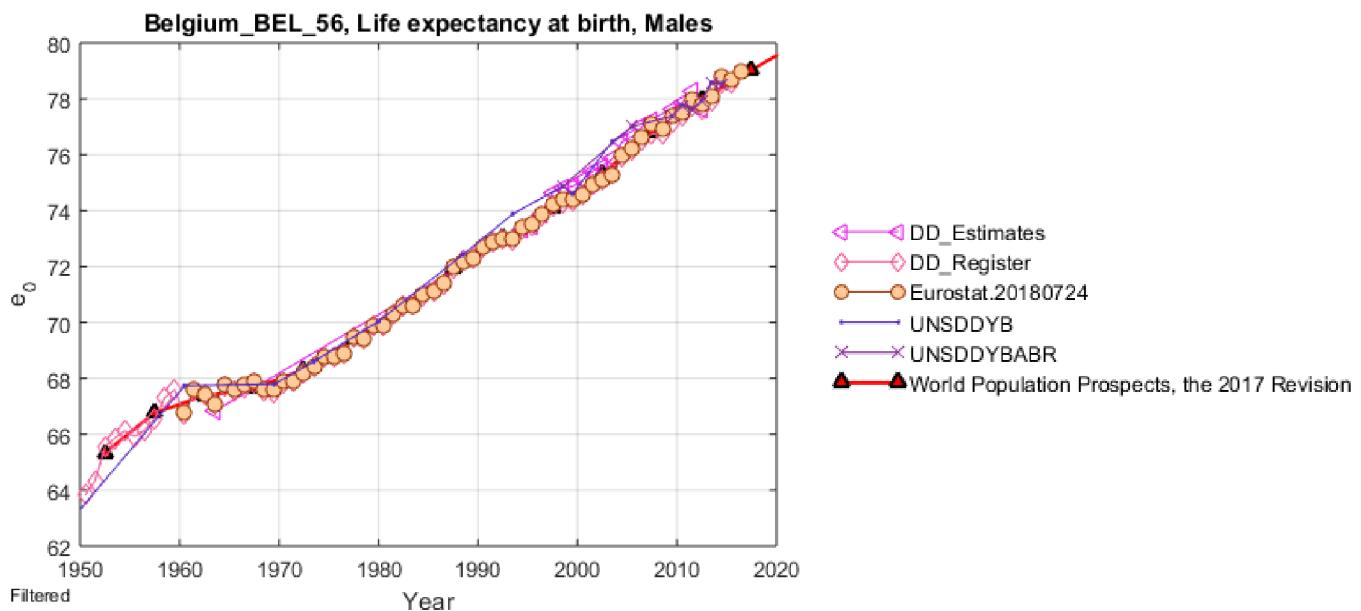


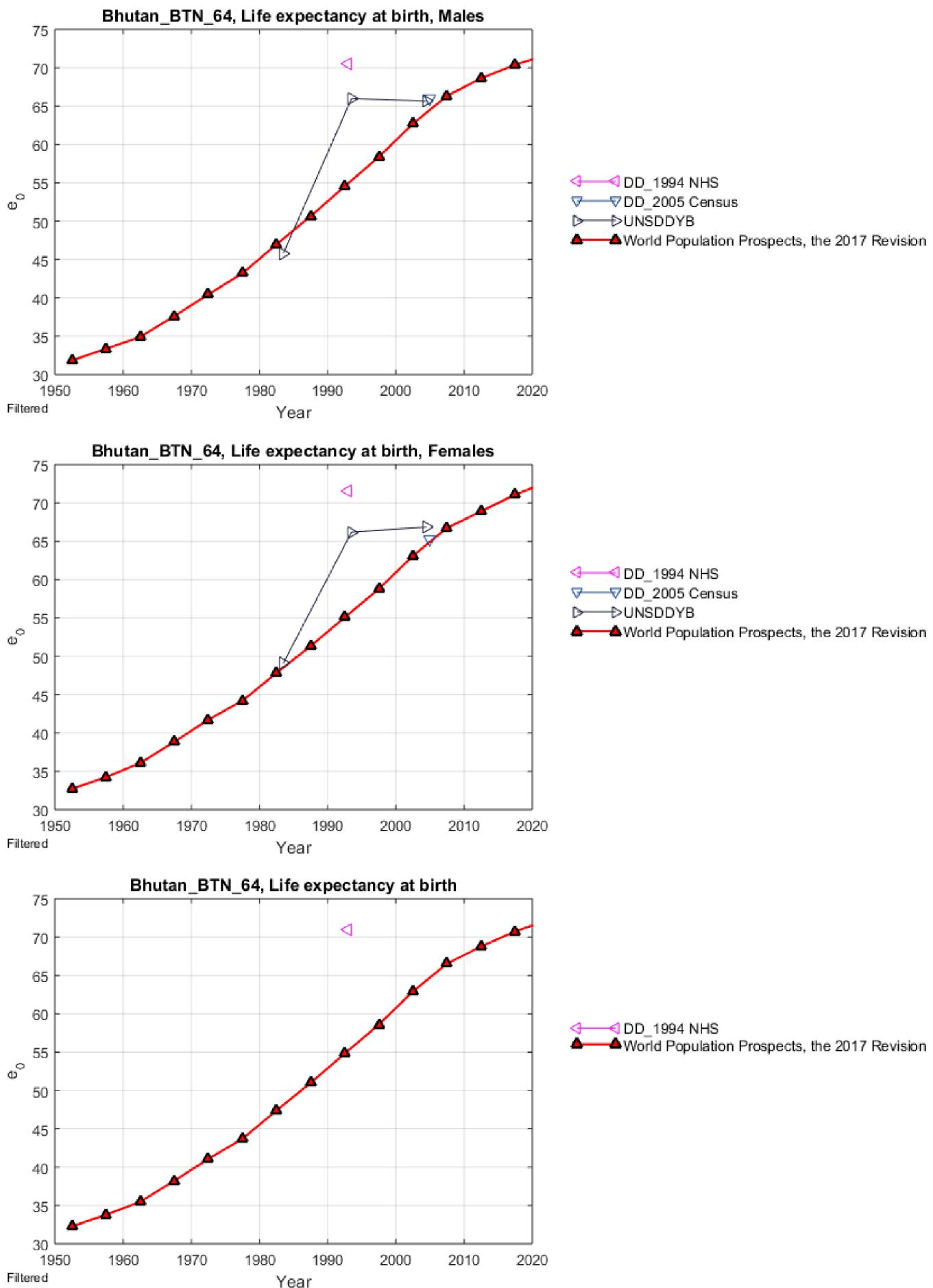
Barbados_BRB_52, Life expectancy at birth, Females



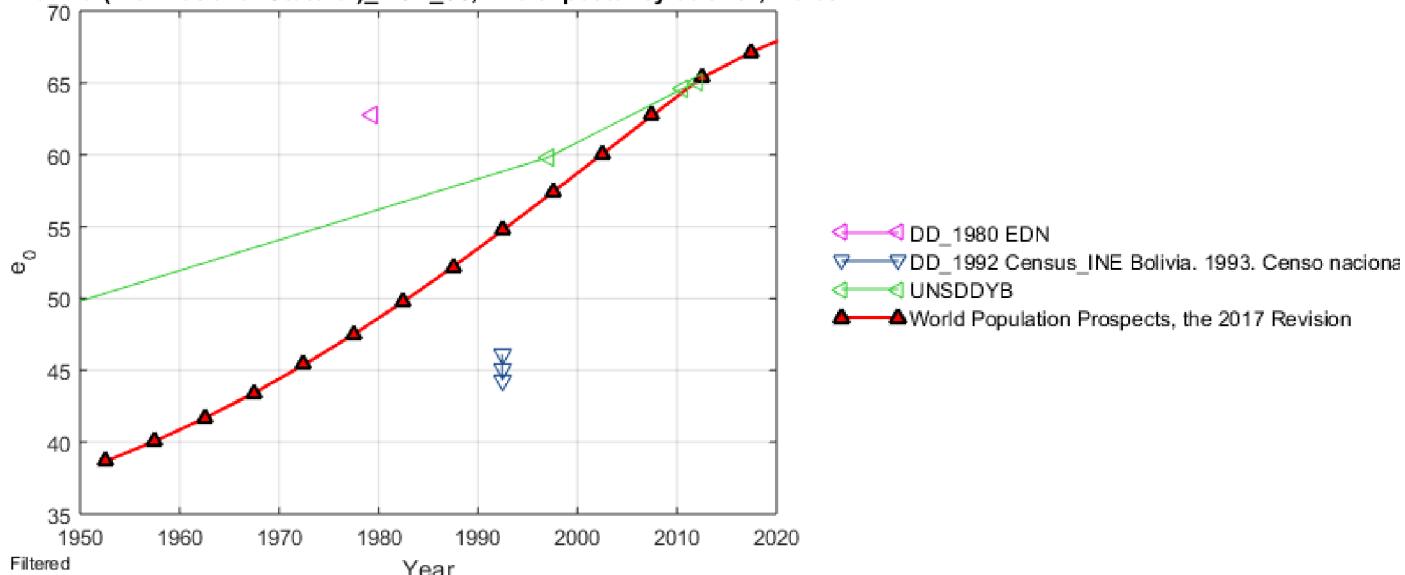
Barbados_BRB_52, Life expectancy at birth



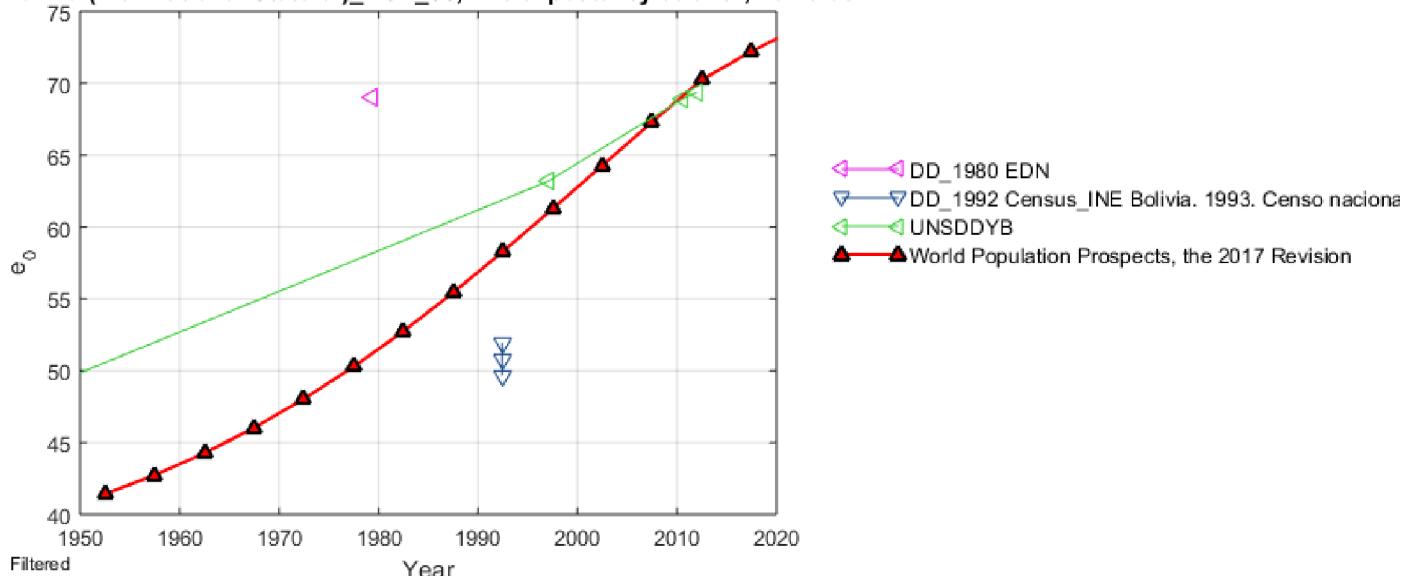




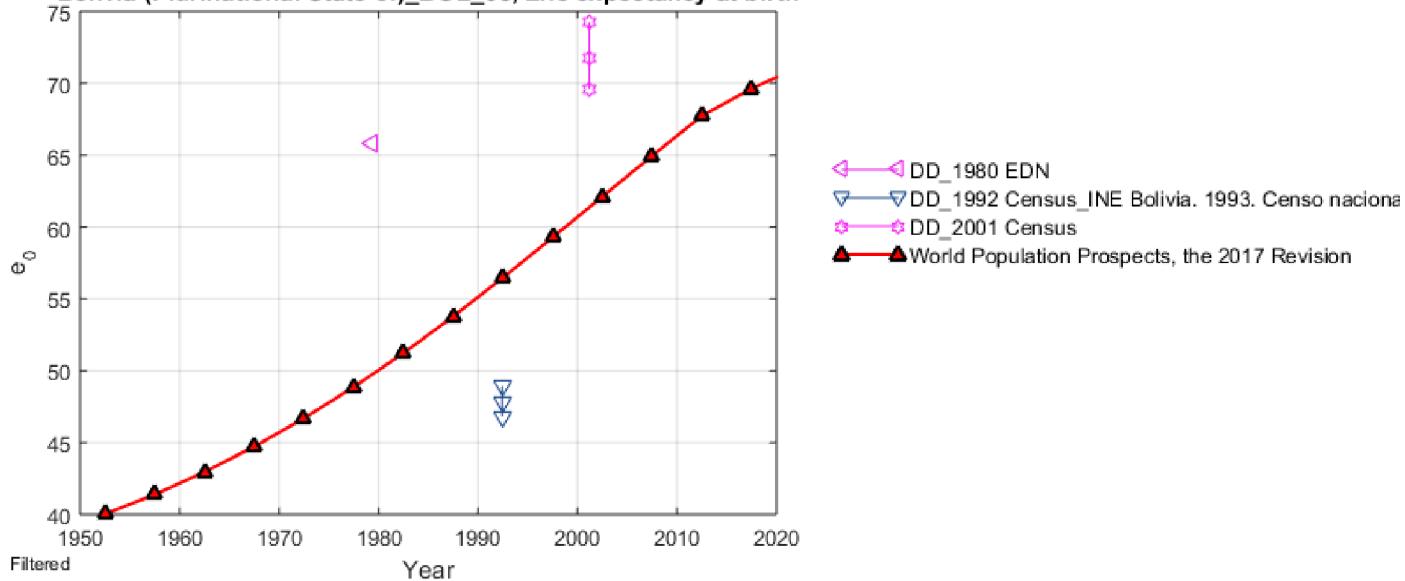
Bolivia (Plurinational State of)_BOL_68, Life expectancy at birth, Males



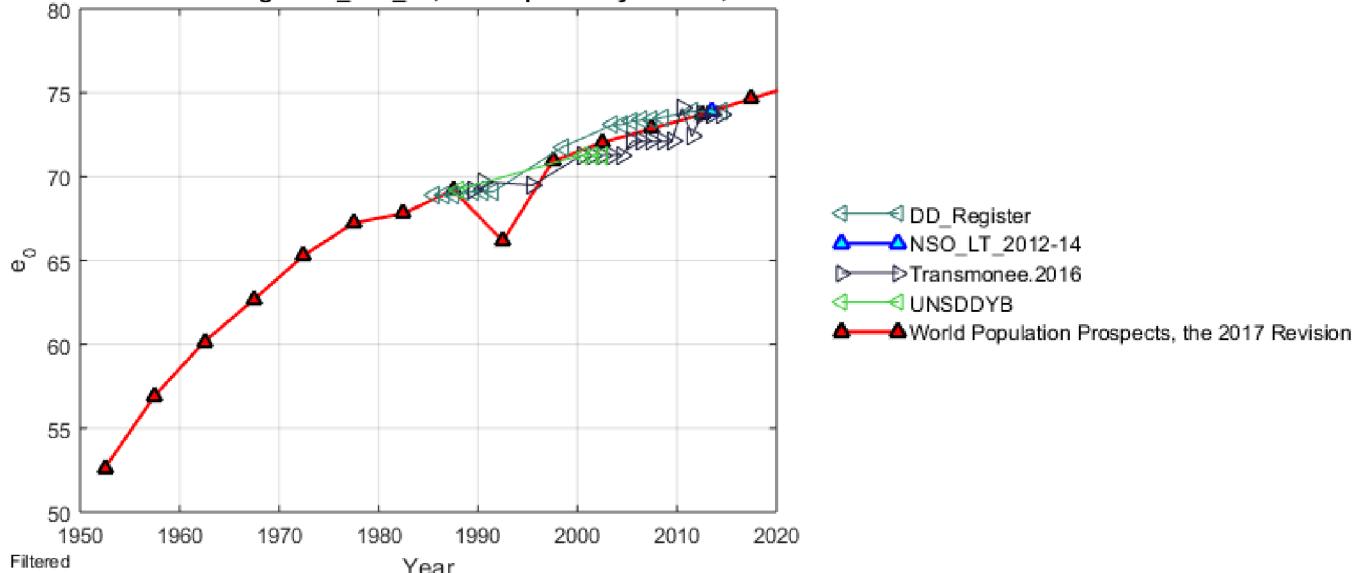
Bolivia (Plurinational State of)_BOL_68, Life expectancy at birth, Females



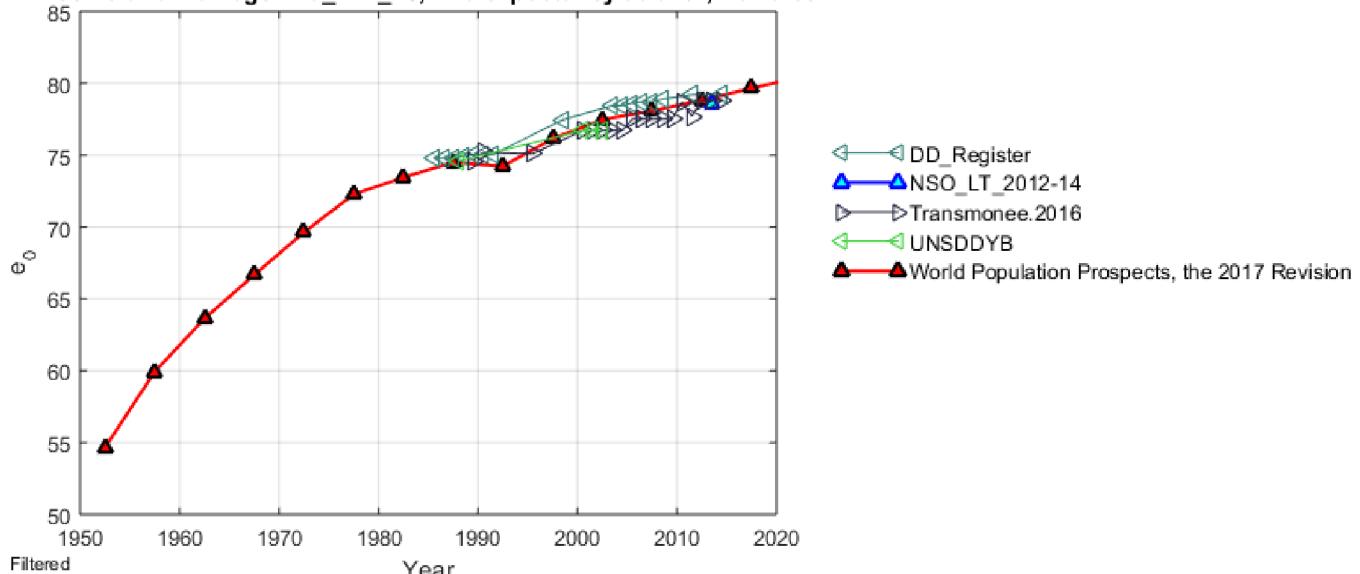
Bolivia (Plurinational State of)_BOL_68, Life expectancy at birth



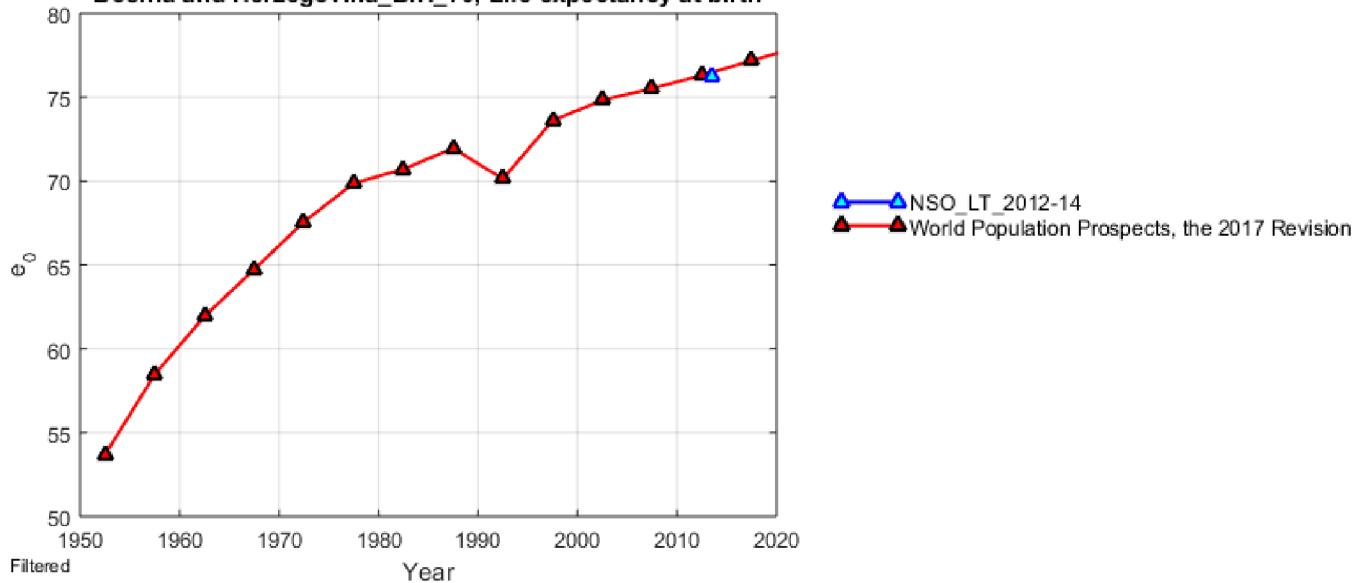
Bosnia and Herzegovina_BIH_70, Life expectancy at birth, Males



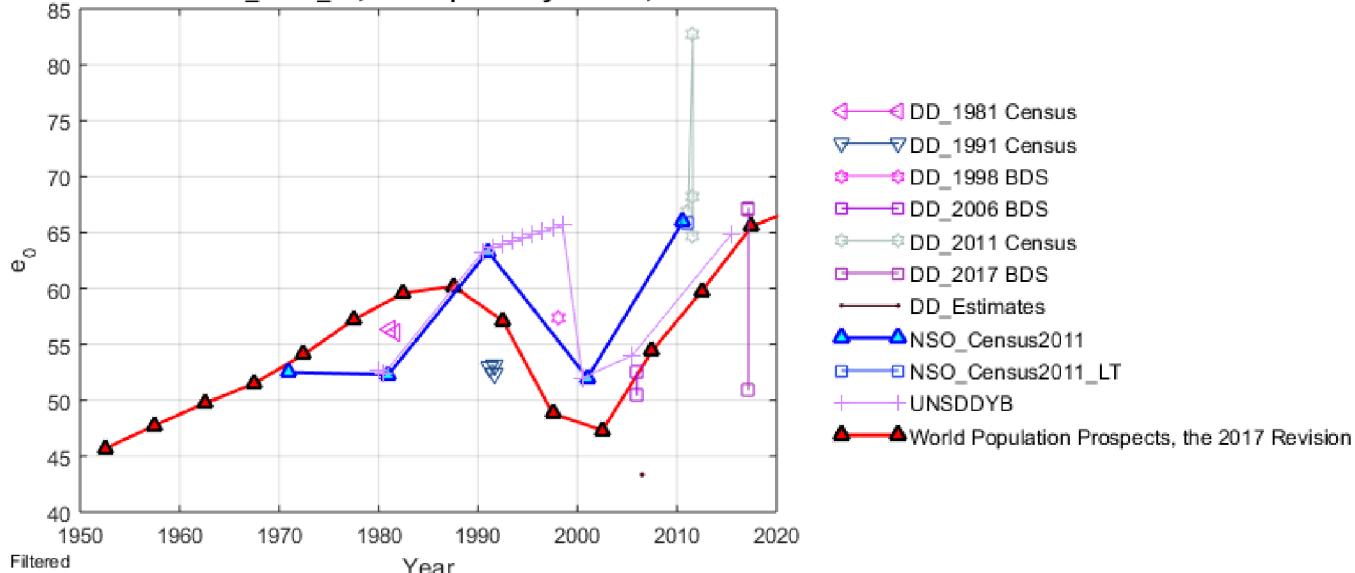
Bosnia and Herzegovina_BIH_70, Life expectancy at birth, Females



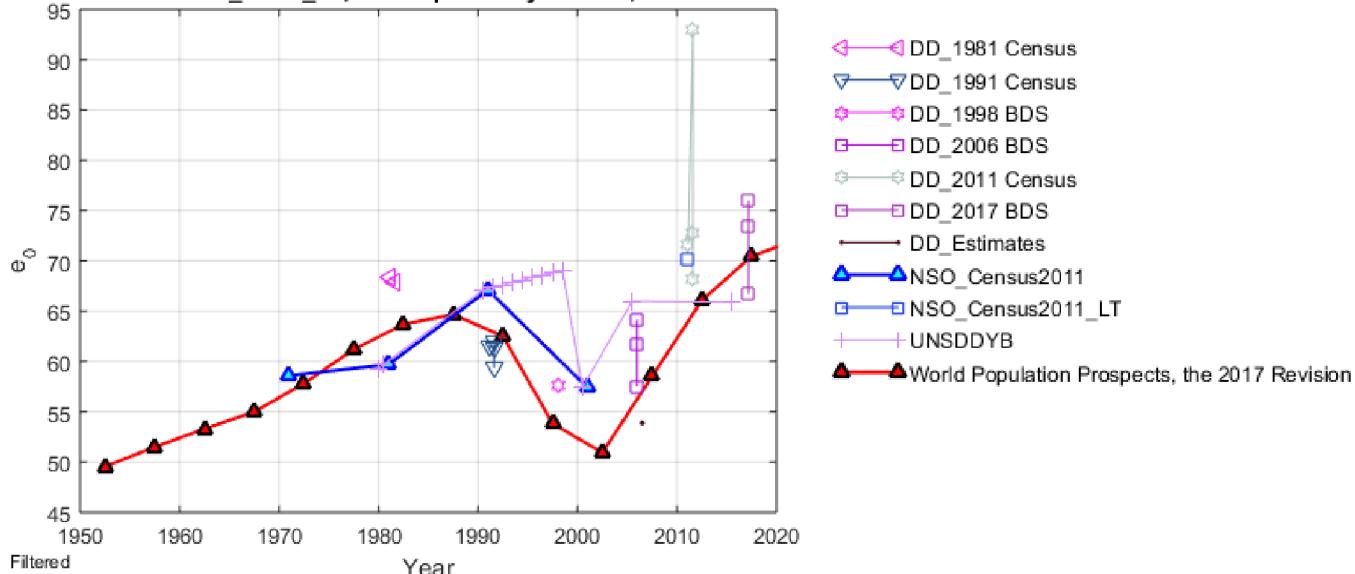
Bosnia and Herzegovina_BIH_70, Life expectancy at birth



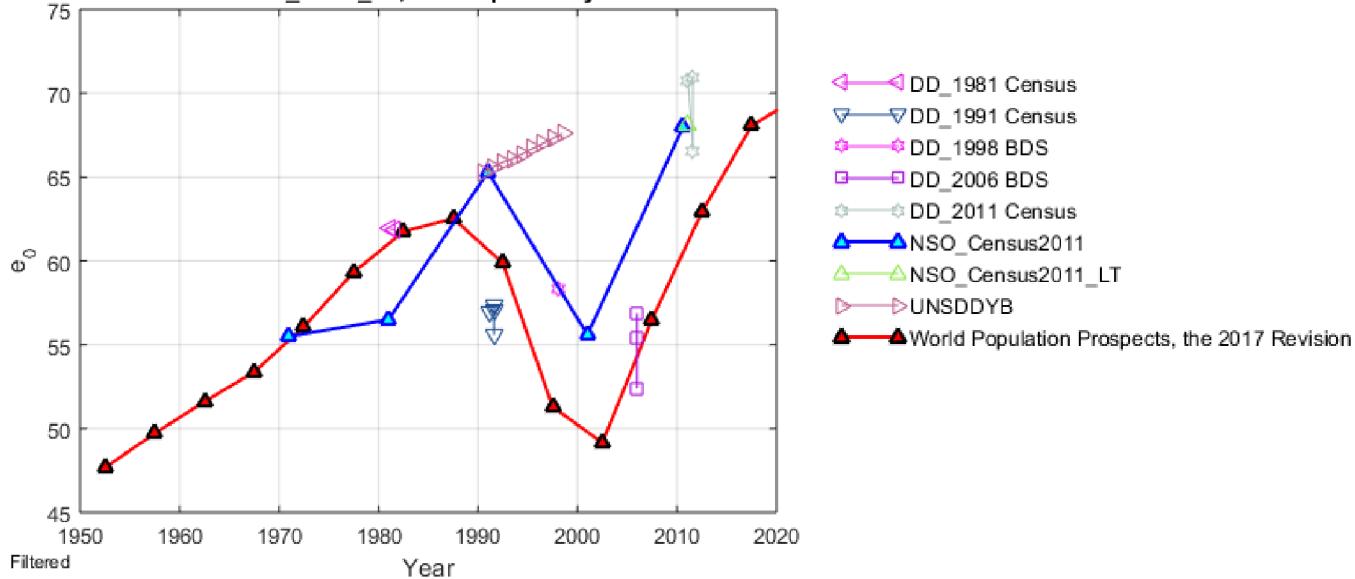
Botswana_BWA_72, Life expectancy at birth, Males



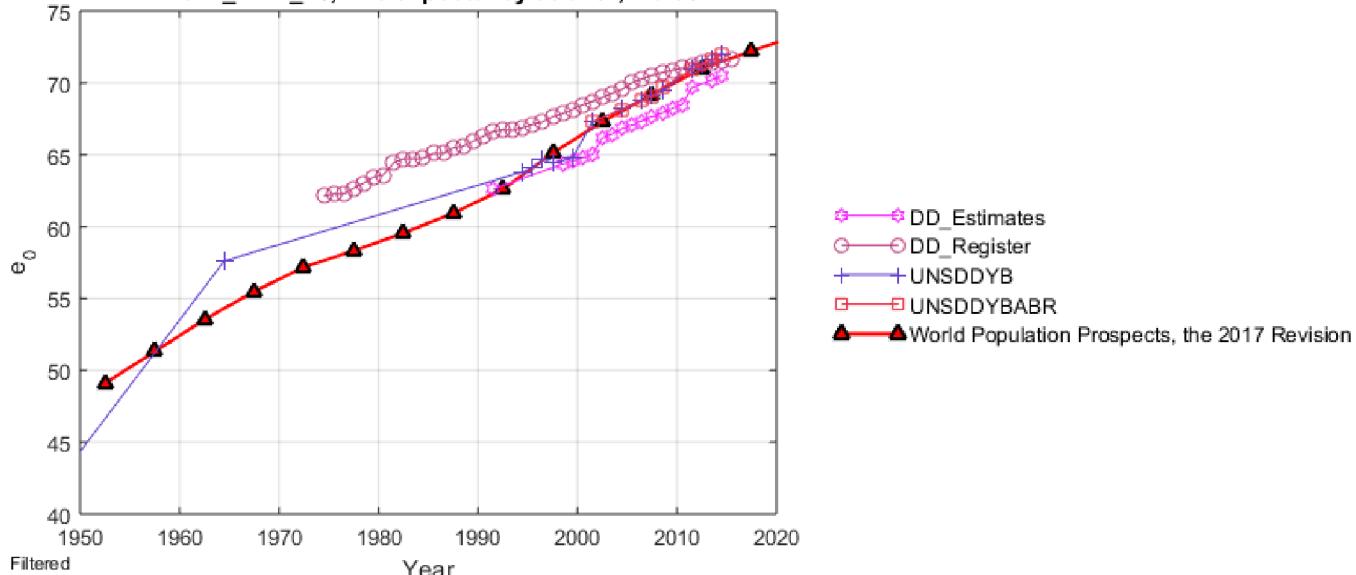
Botswana_BWA_72, Life expectancy at birth, Females



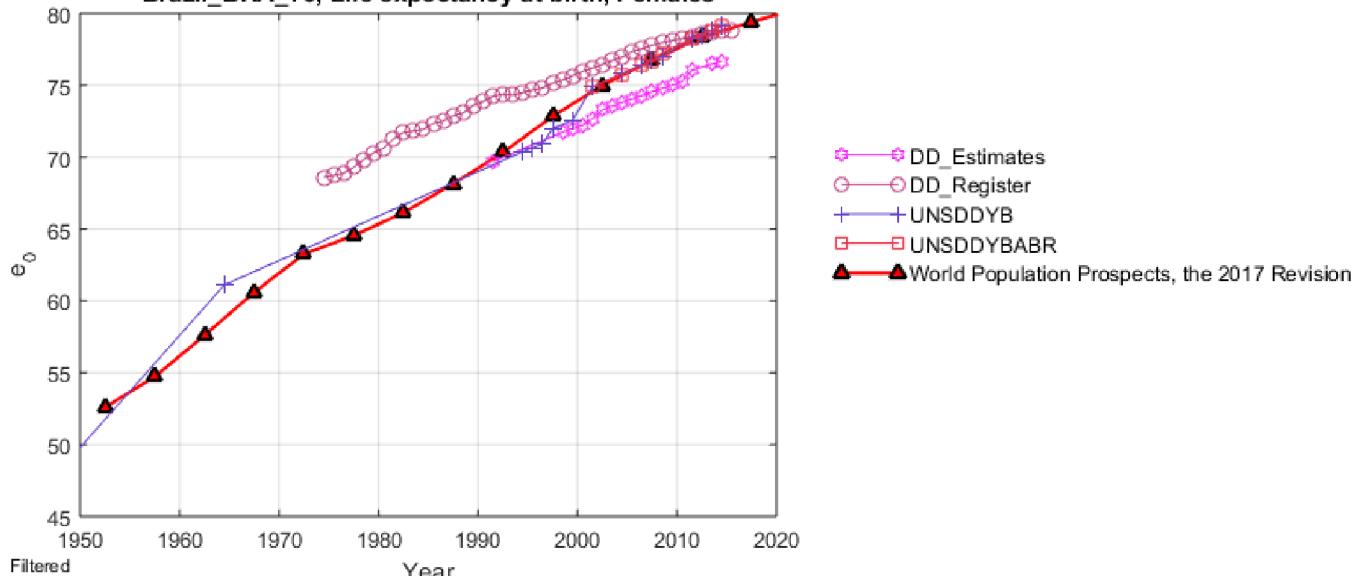
Botswana_BWA_72, Life expectancy at birth



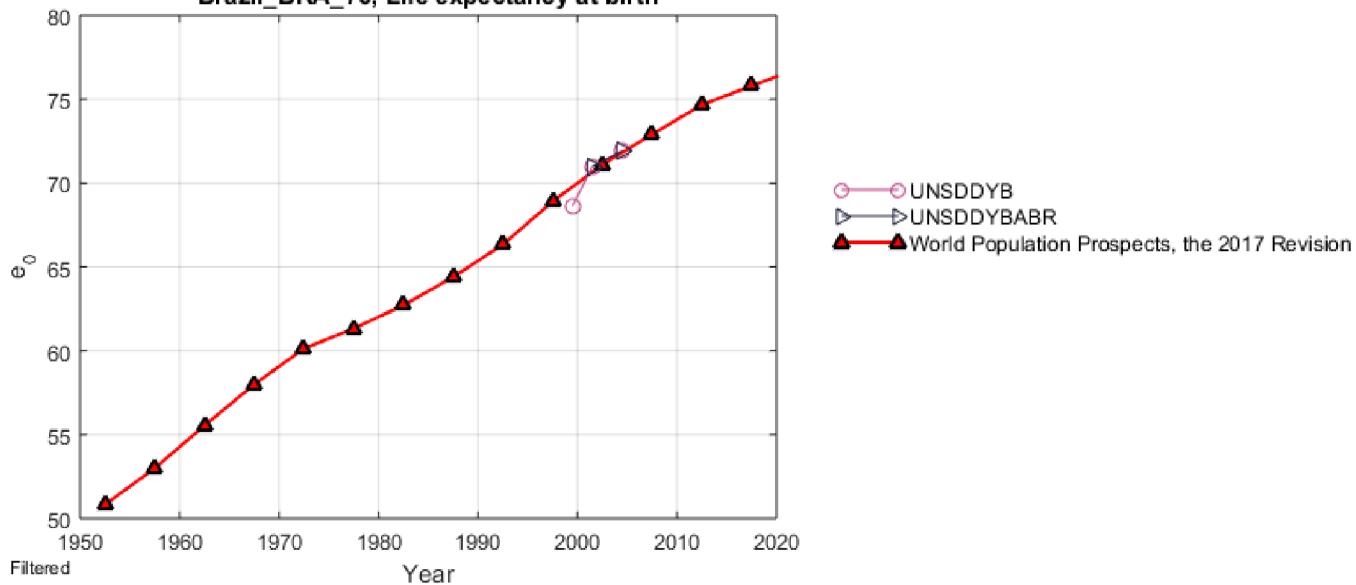
Brazil_BRA_76, Life expectancy at birth, Males

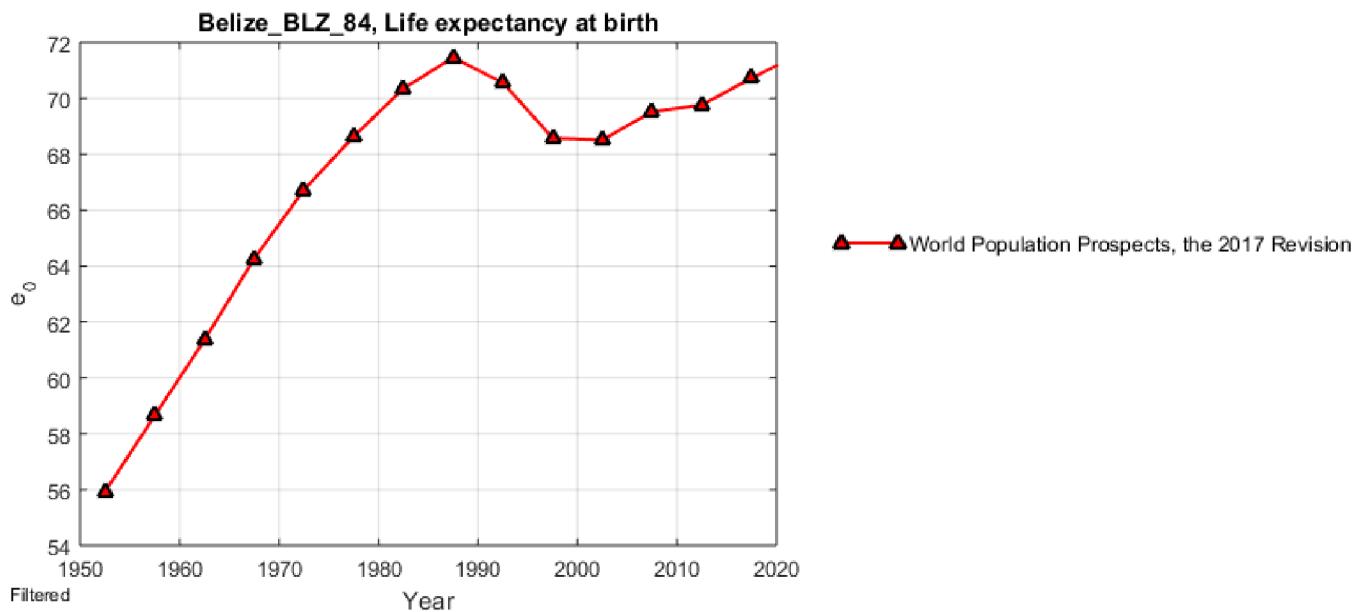
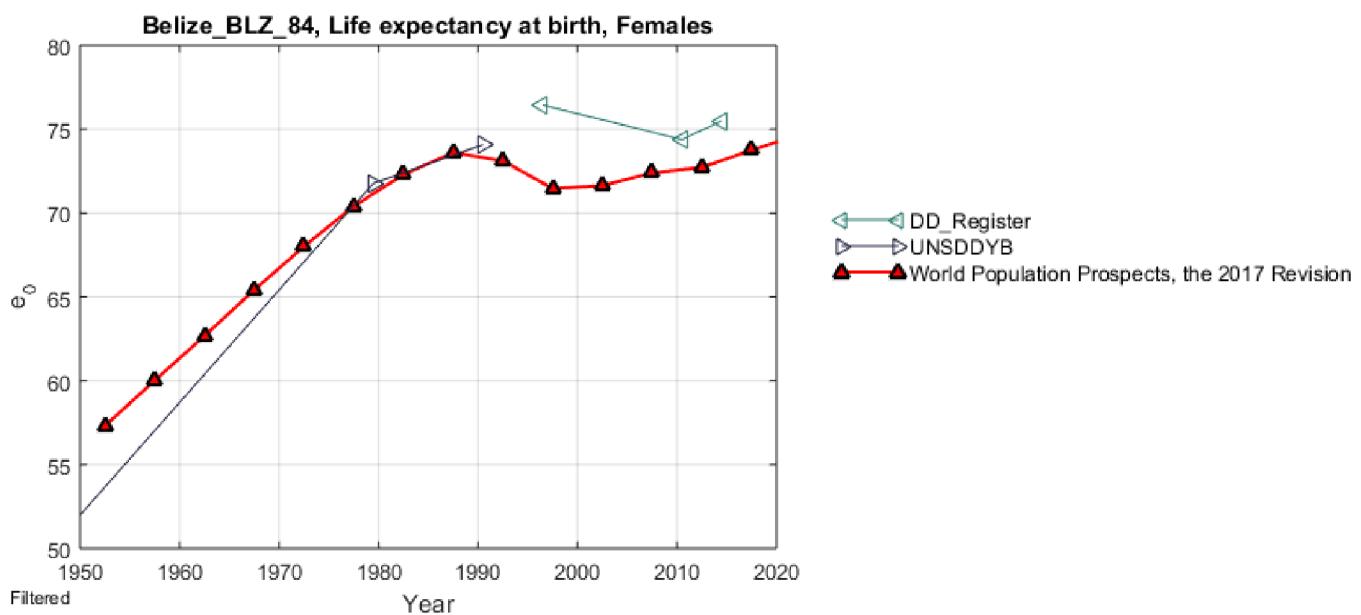


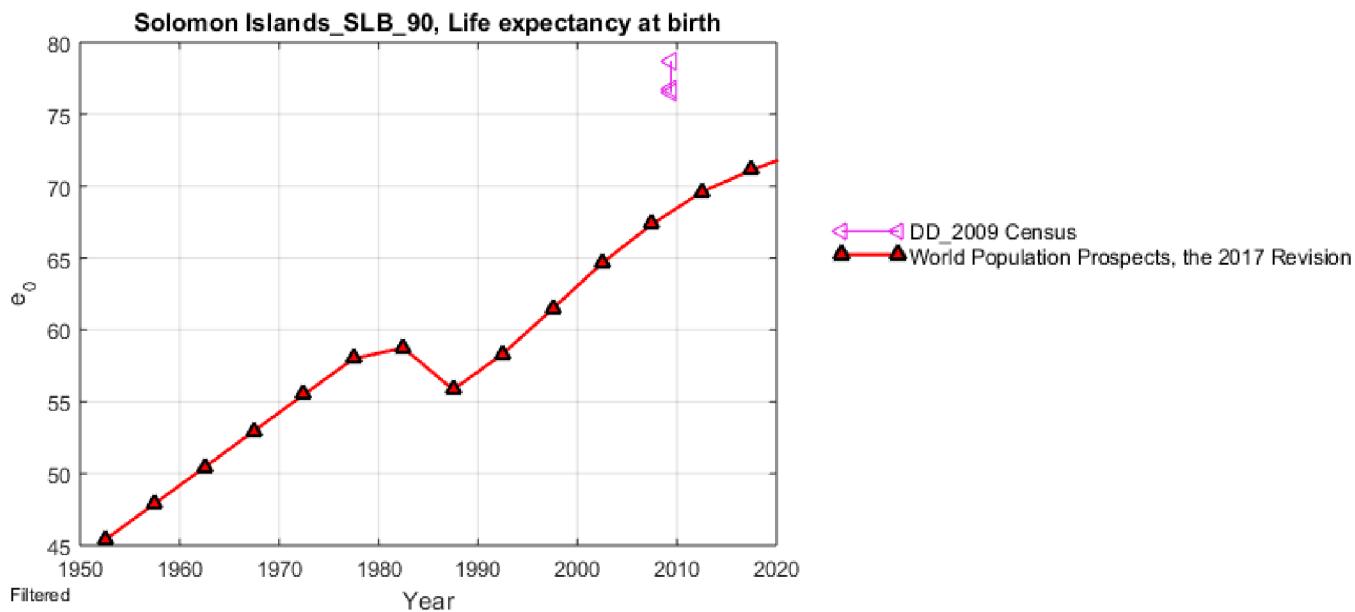
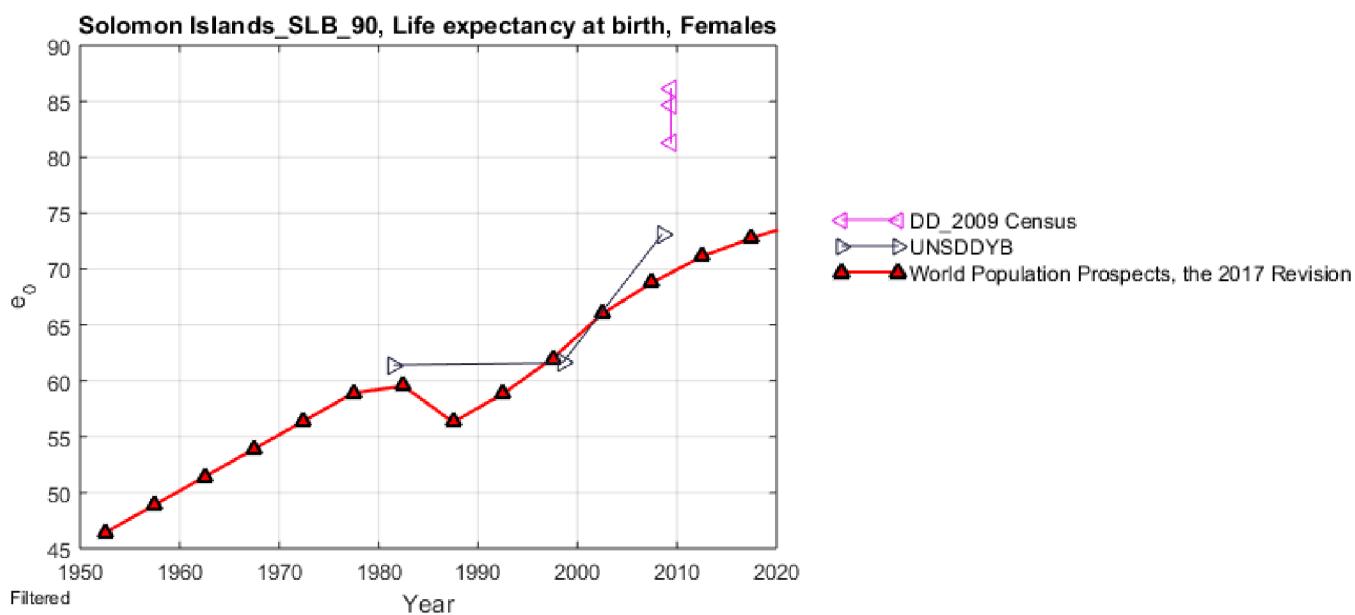
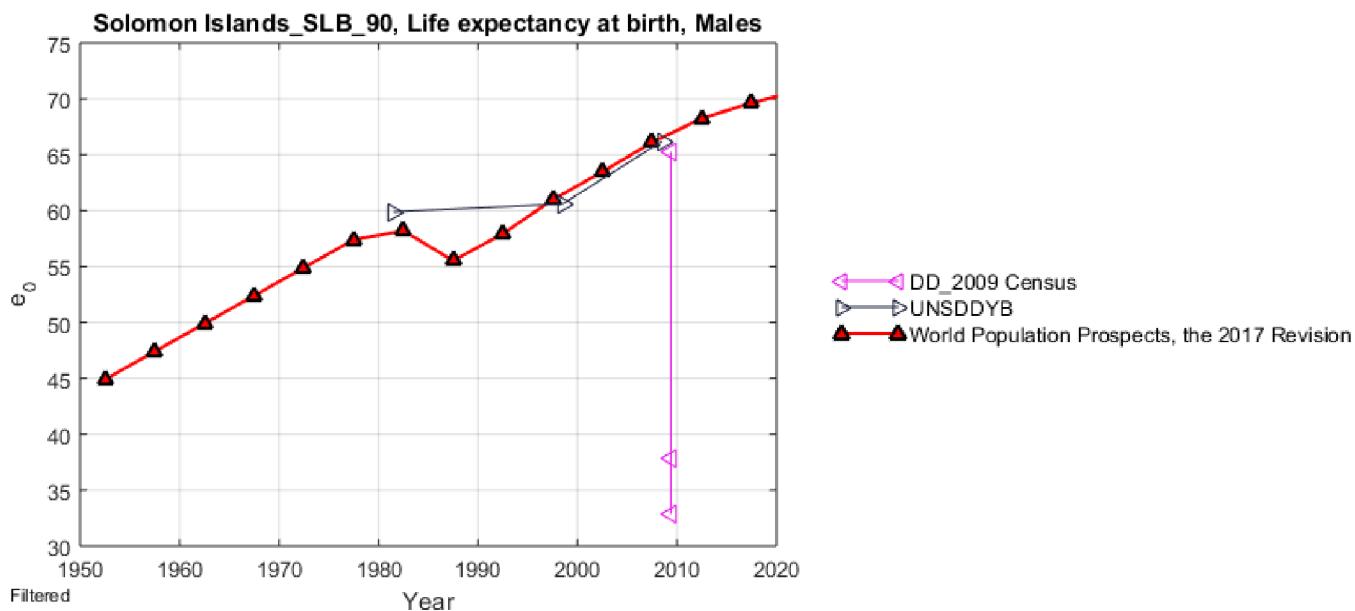
Brazil_BRA_76, Life expectancy at birth, Females

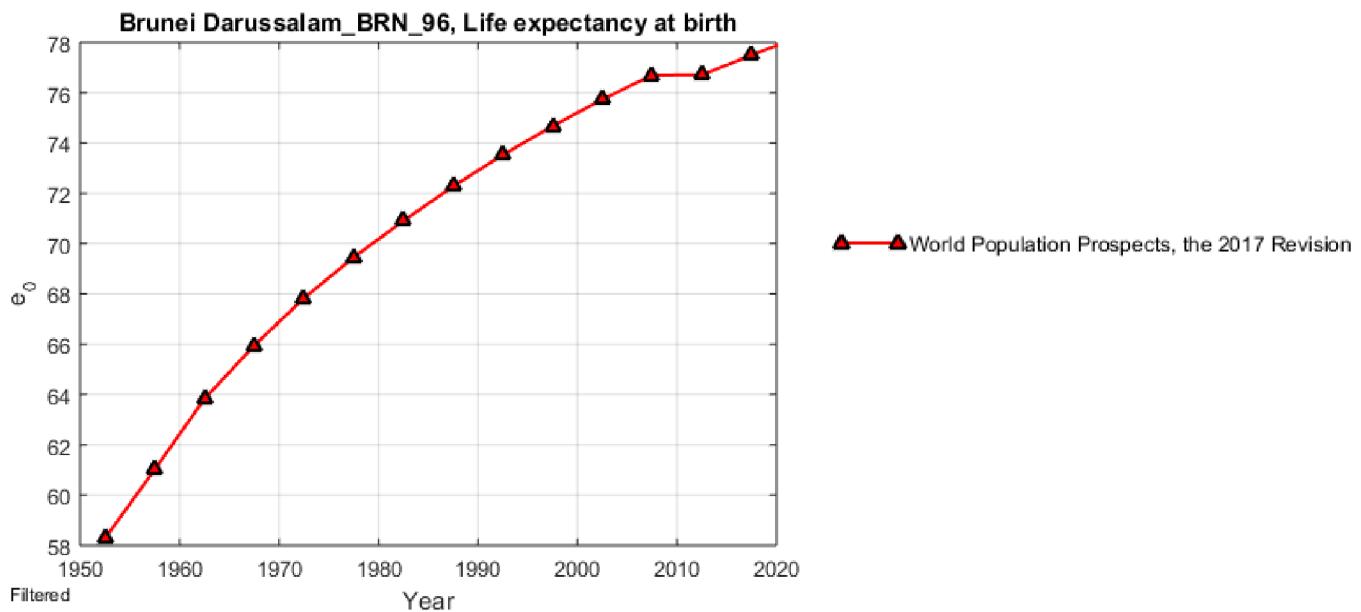
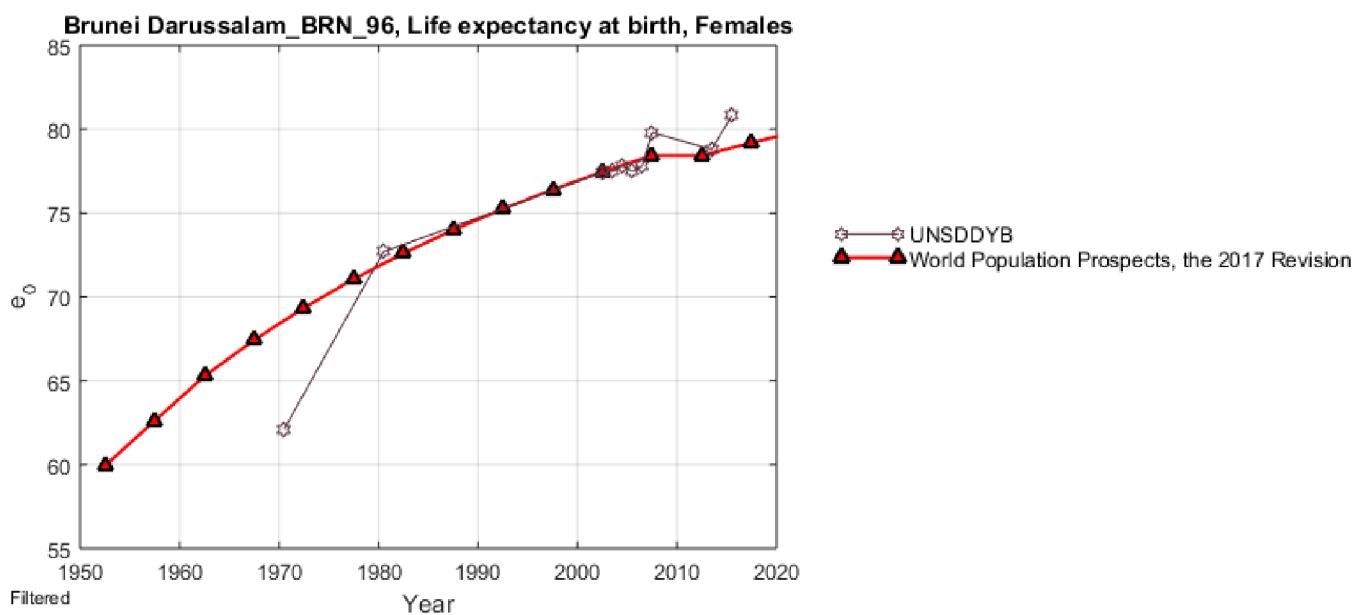
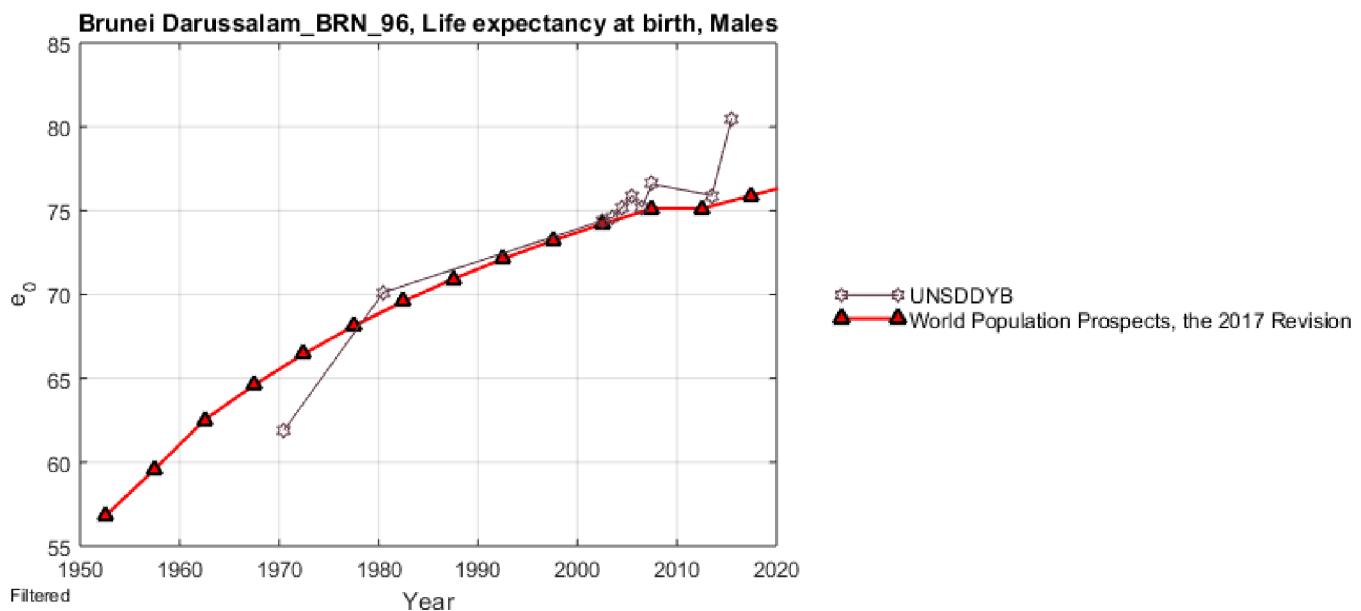


Brazil_BRA_76, Life expectancy at birth

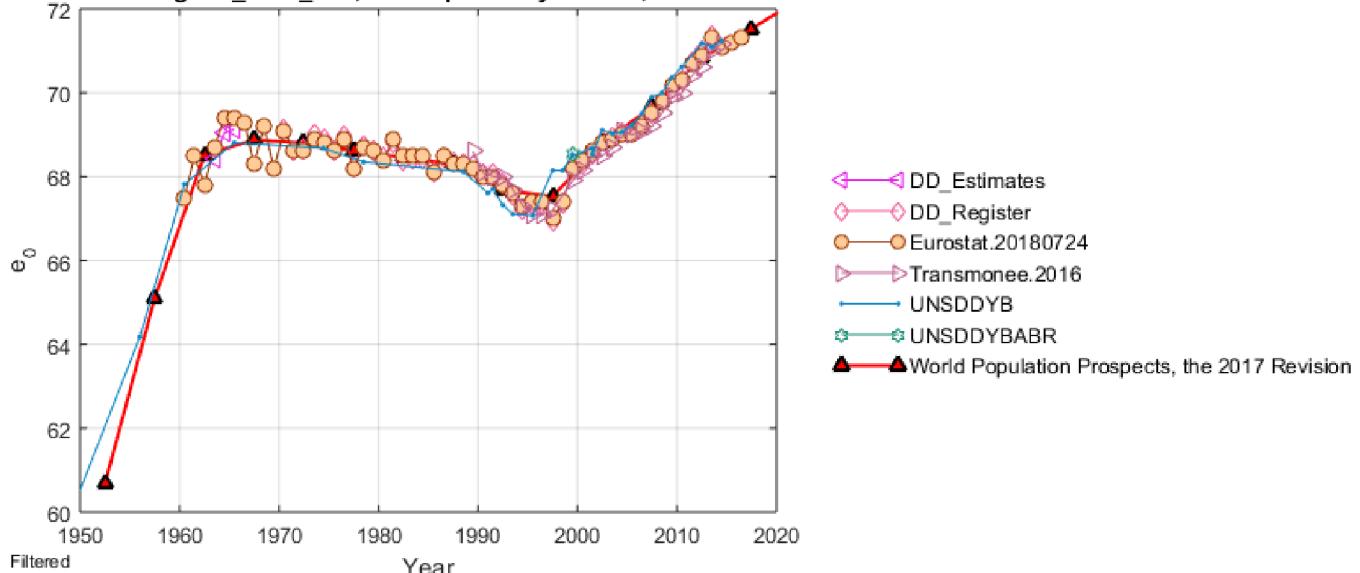




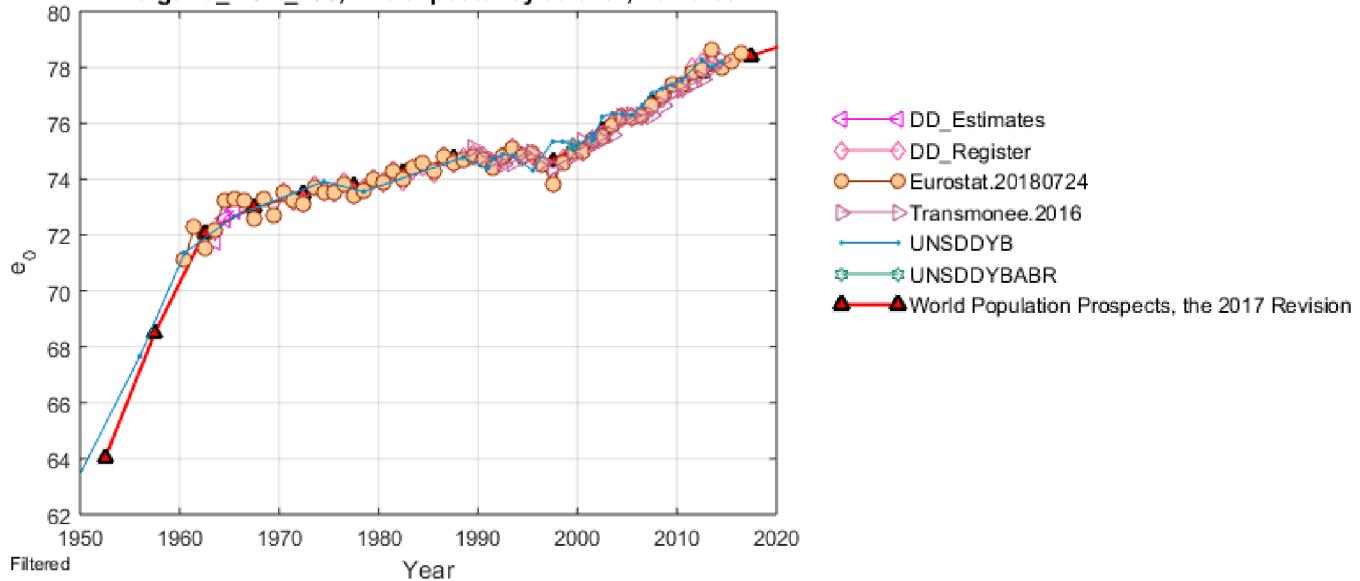




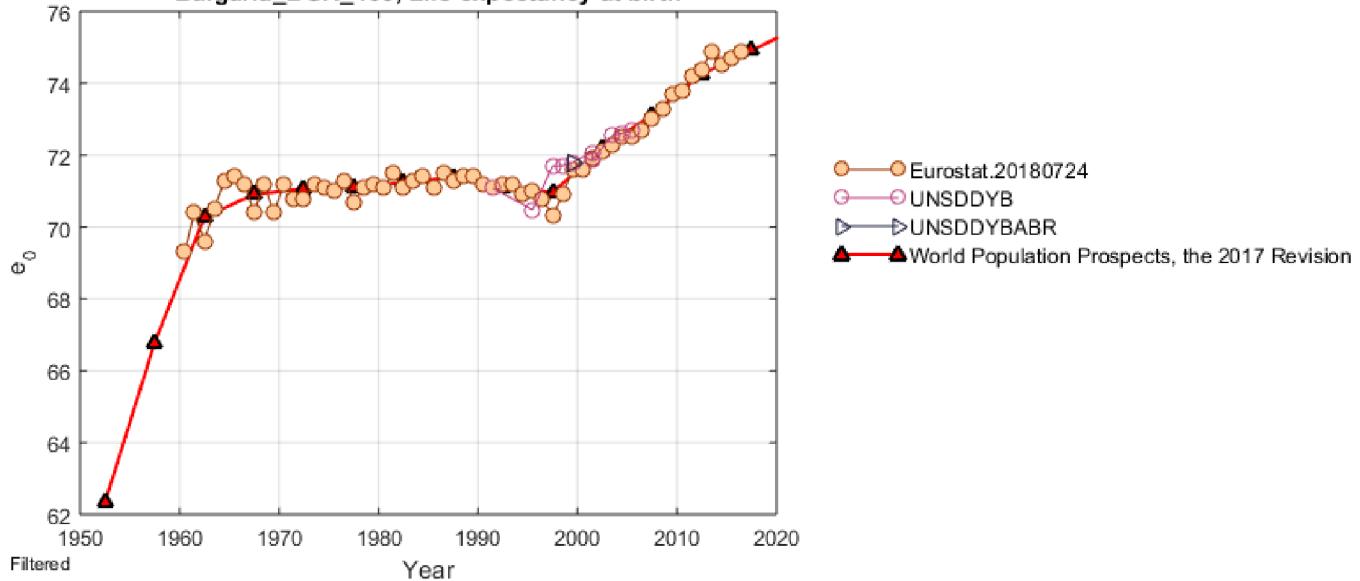
Bulgaria_BGR_100, Life expectancy at birth, Males

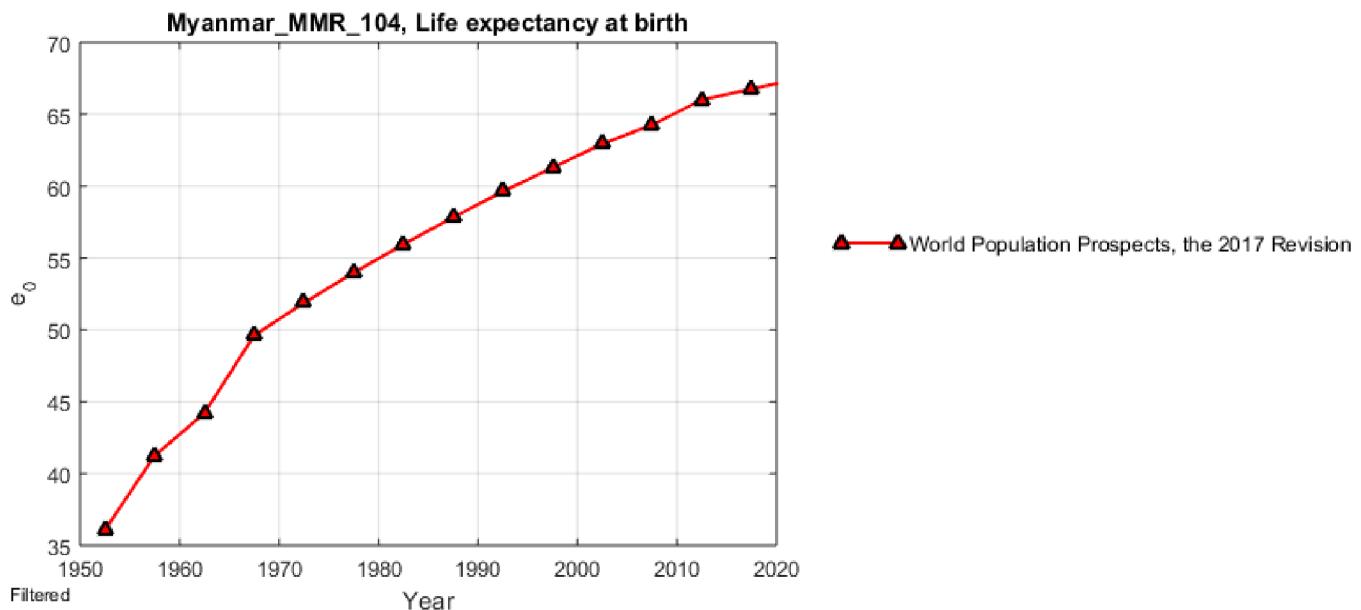
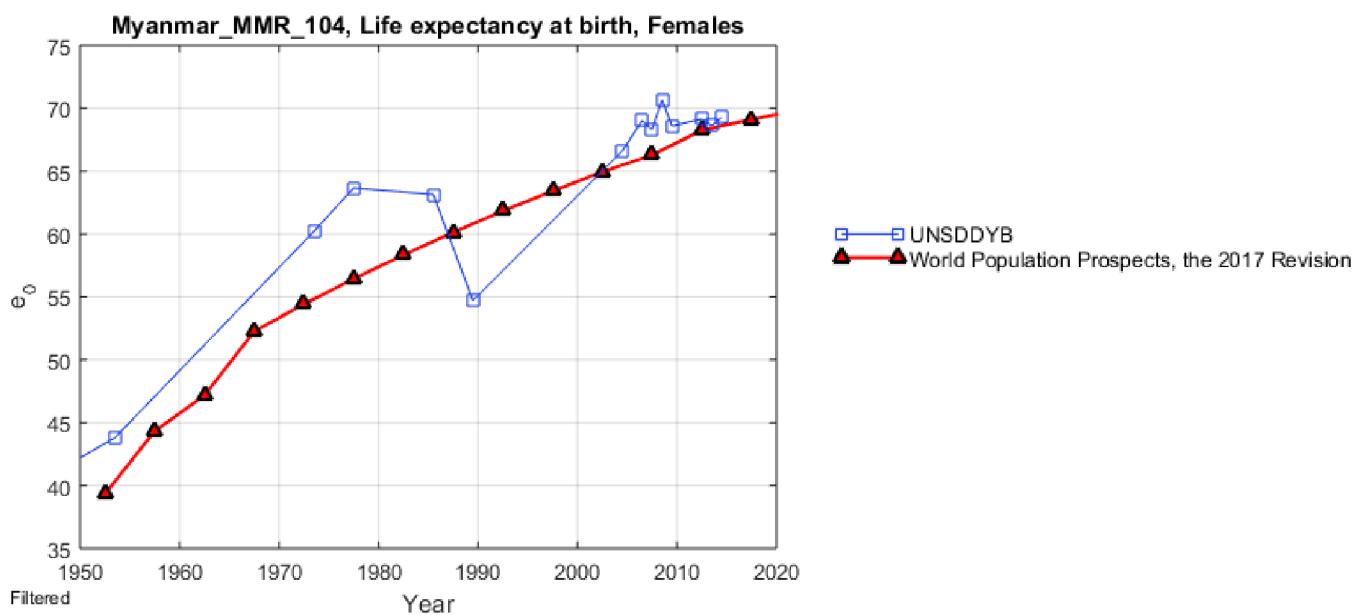
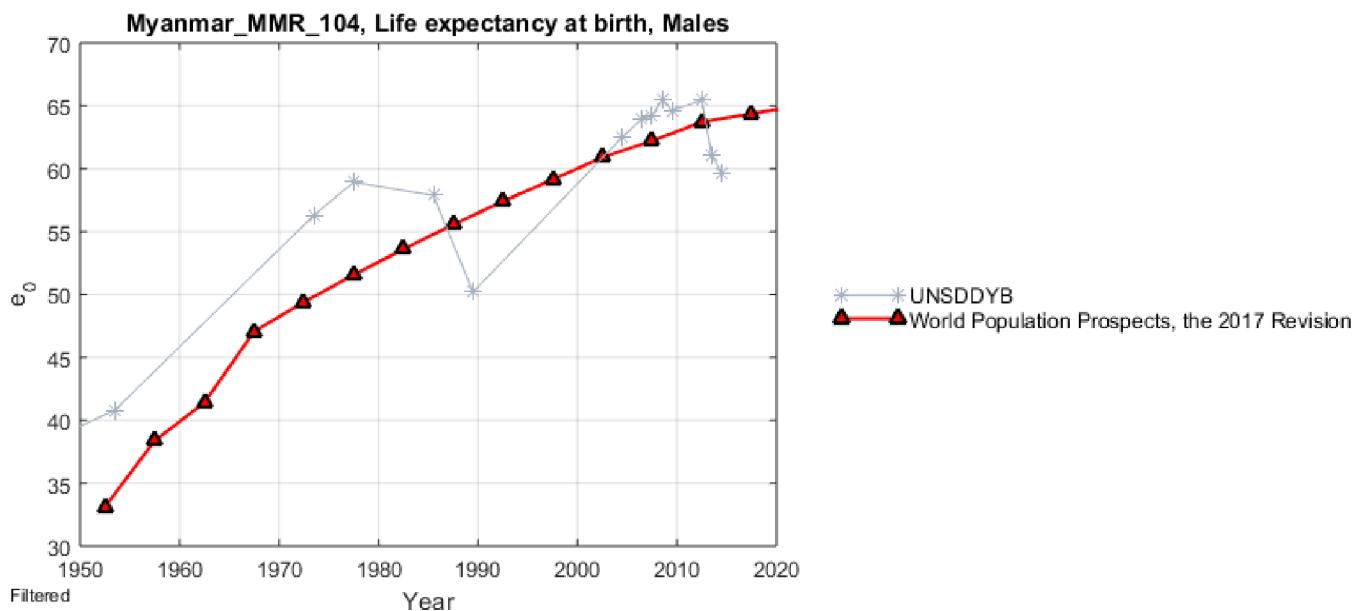


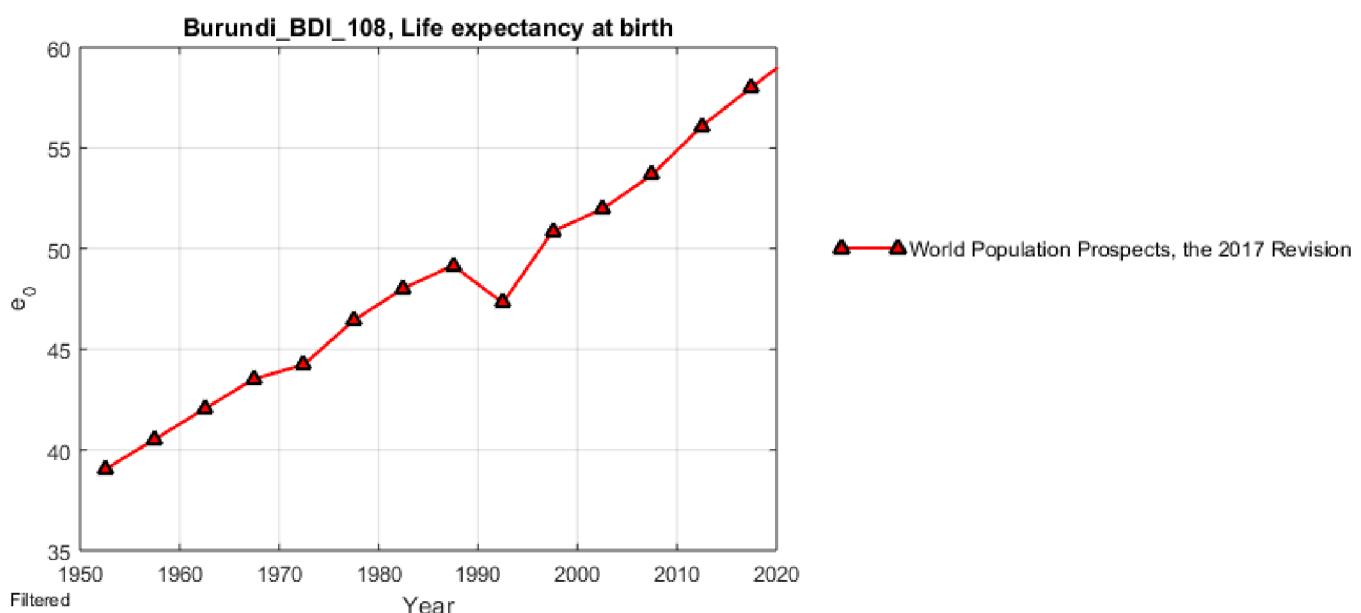
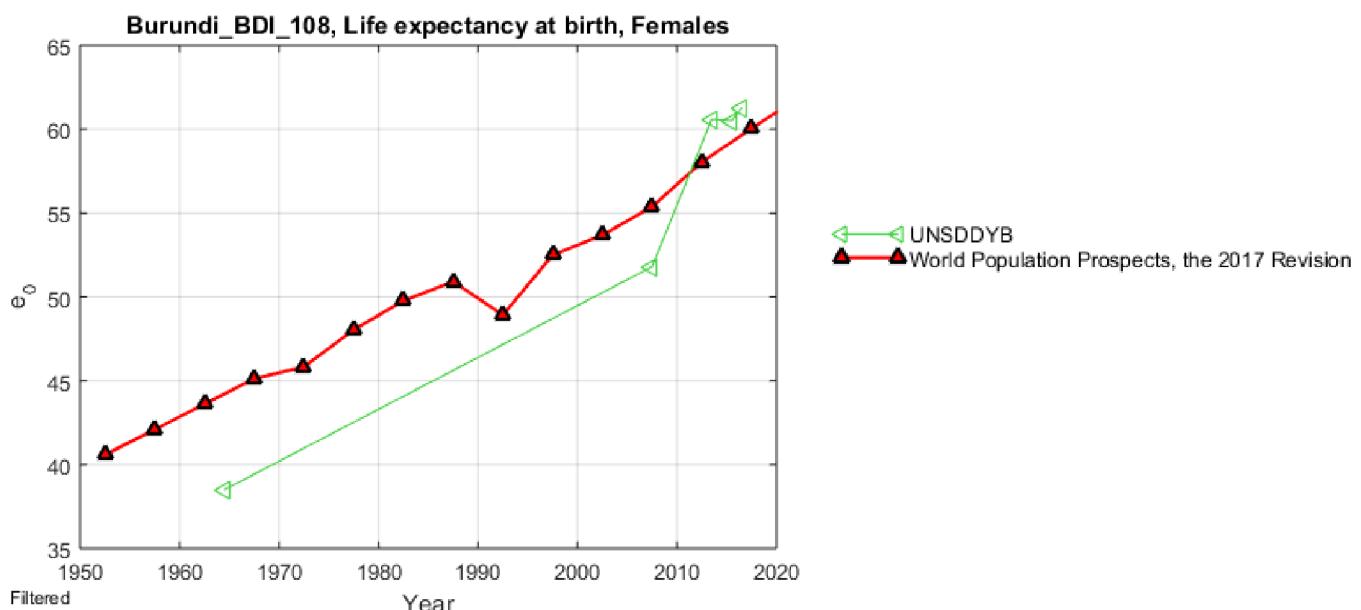
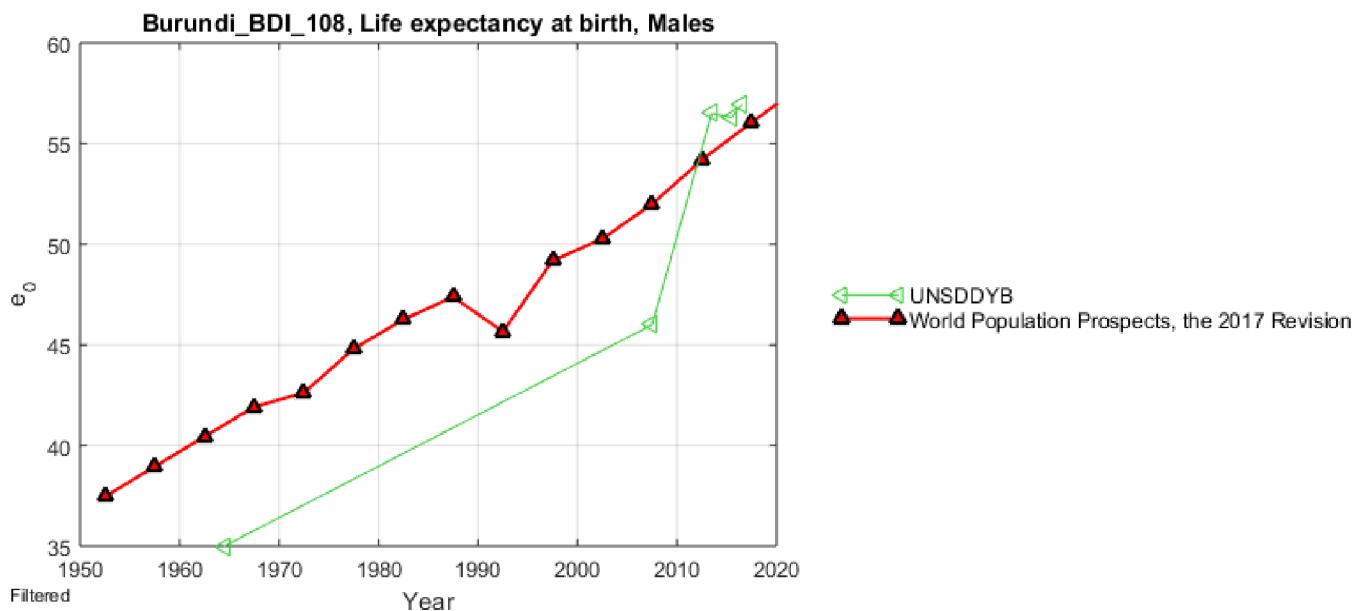
Bulgaria_BGR_100, Life expectancy at birth, Females

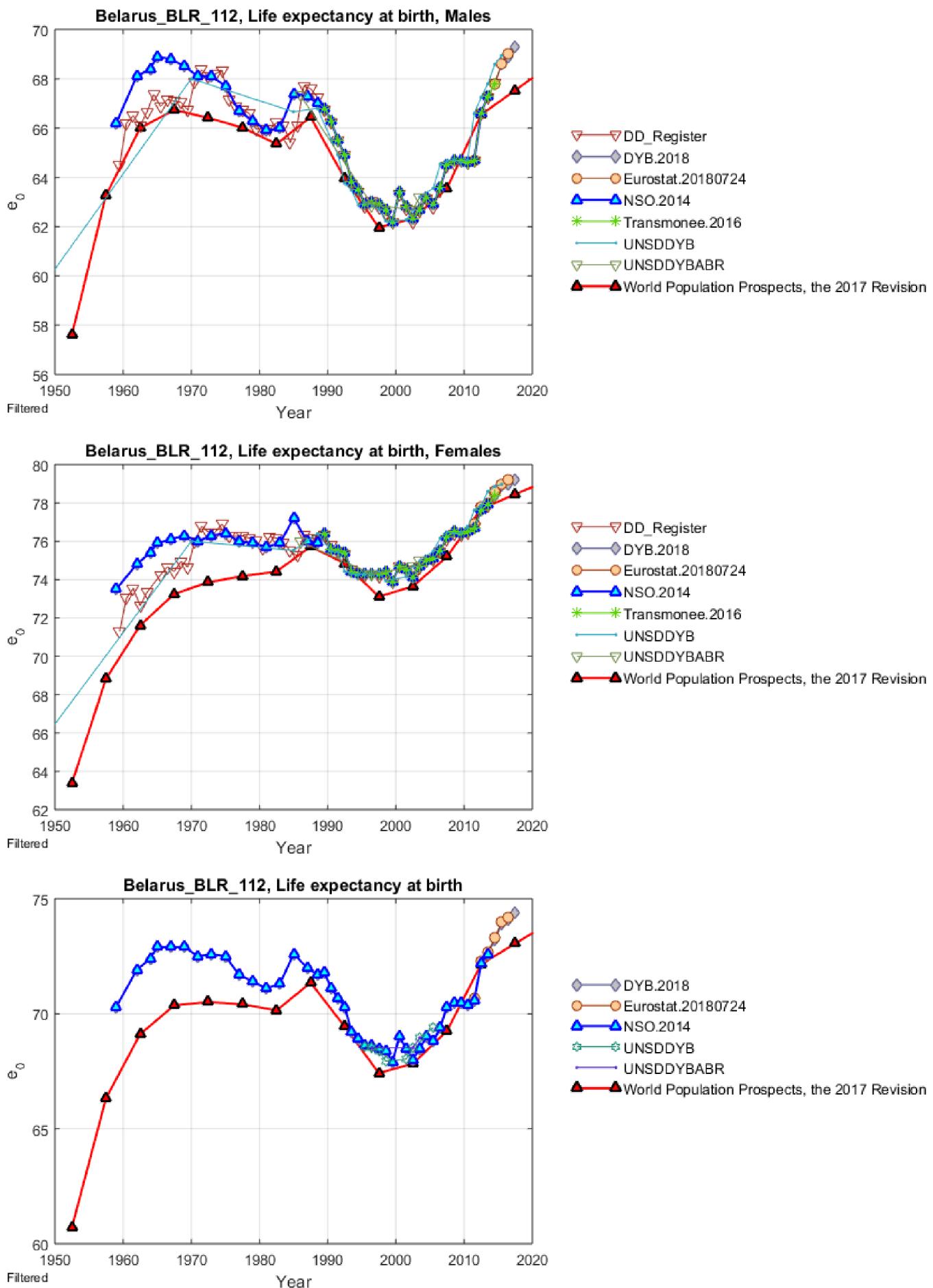


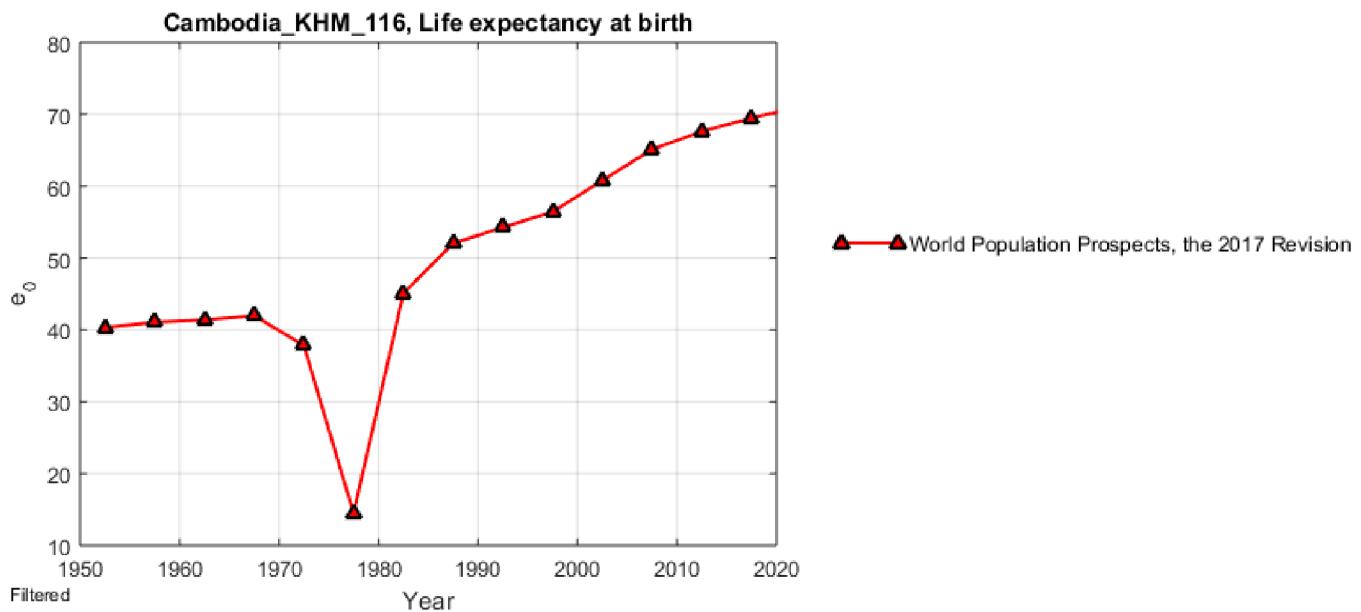
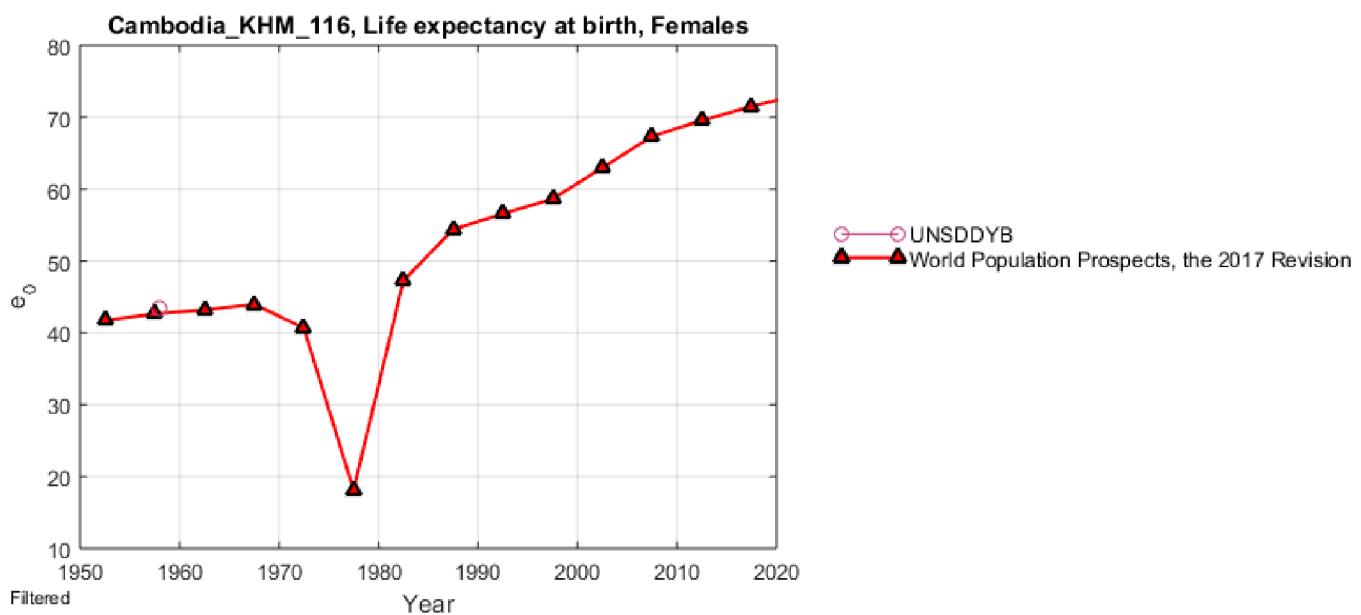
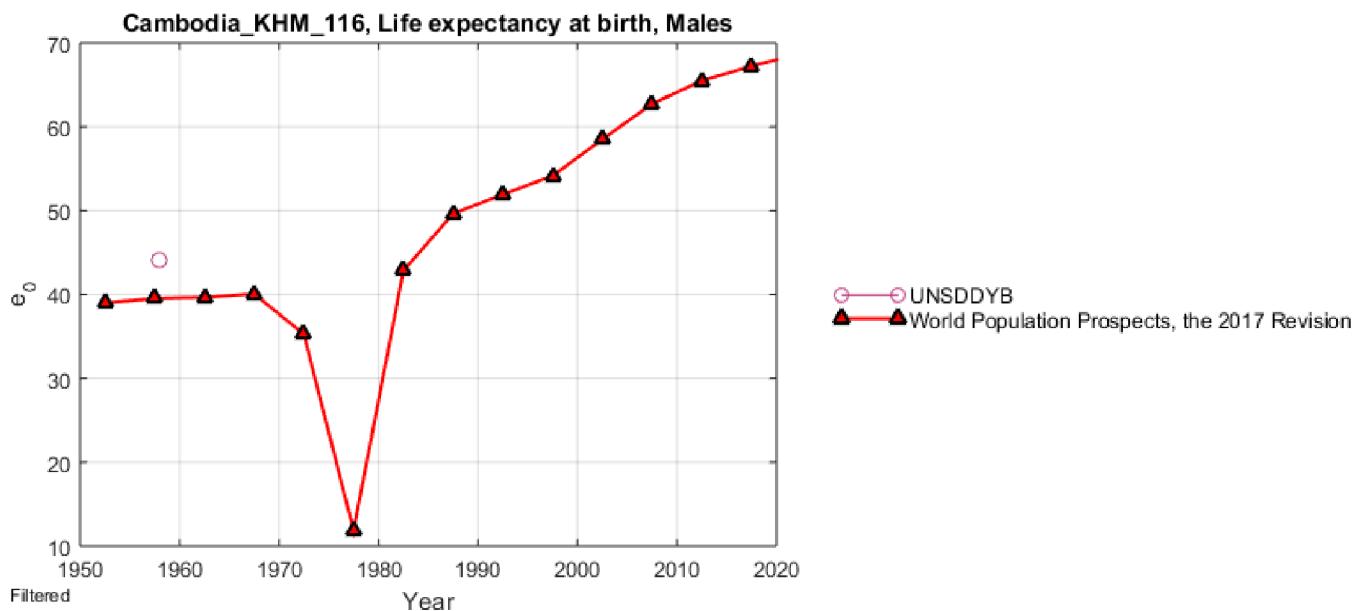
Bulgaria_BGR_100, Life expectancy at birth

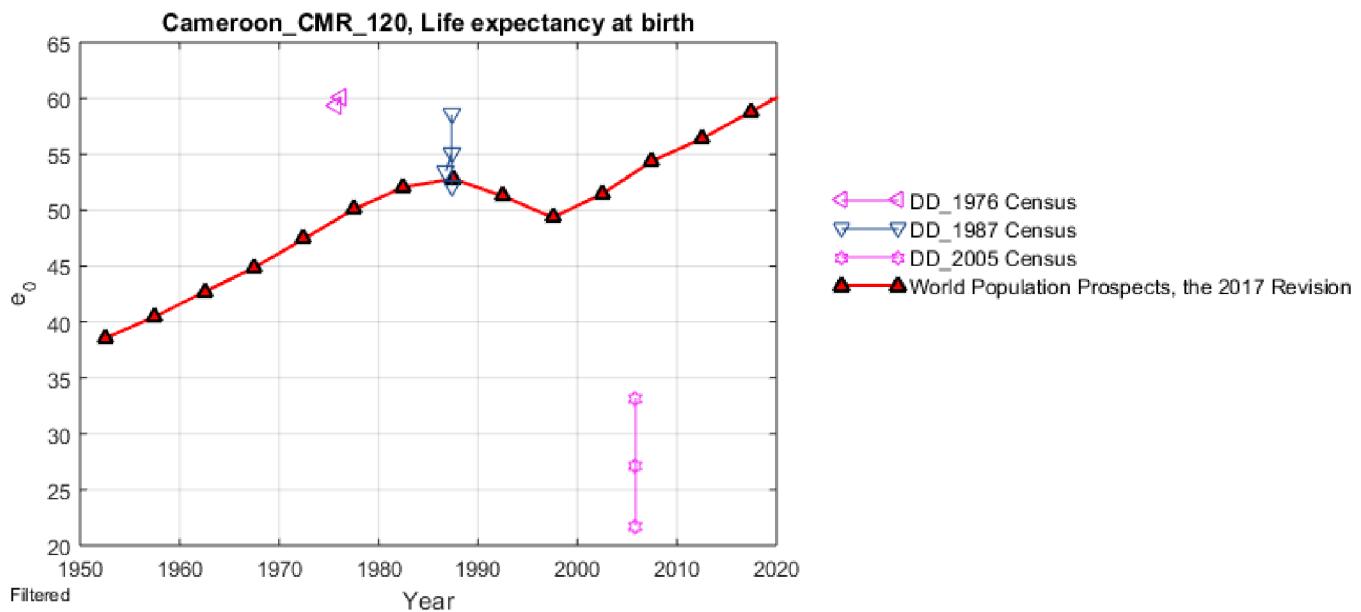
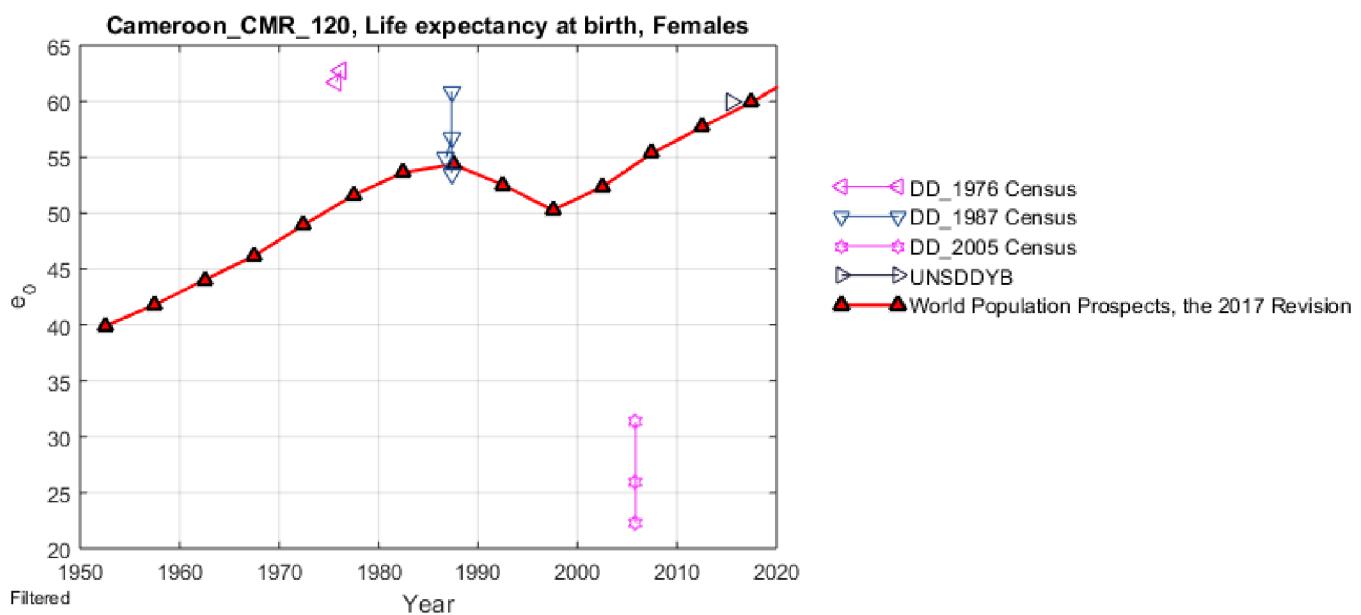
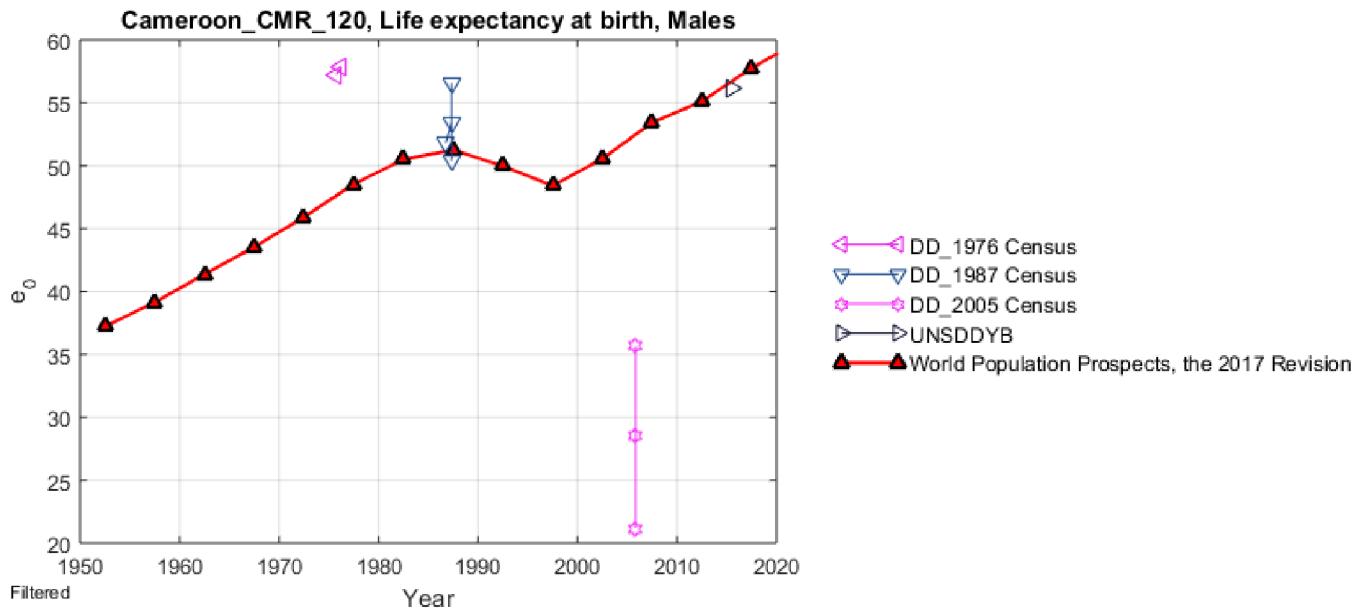




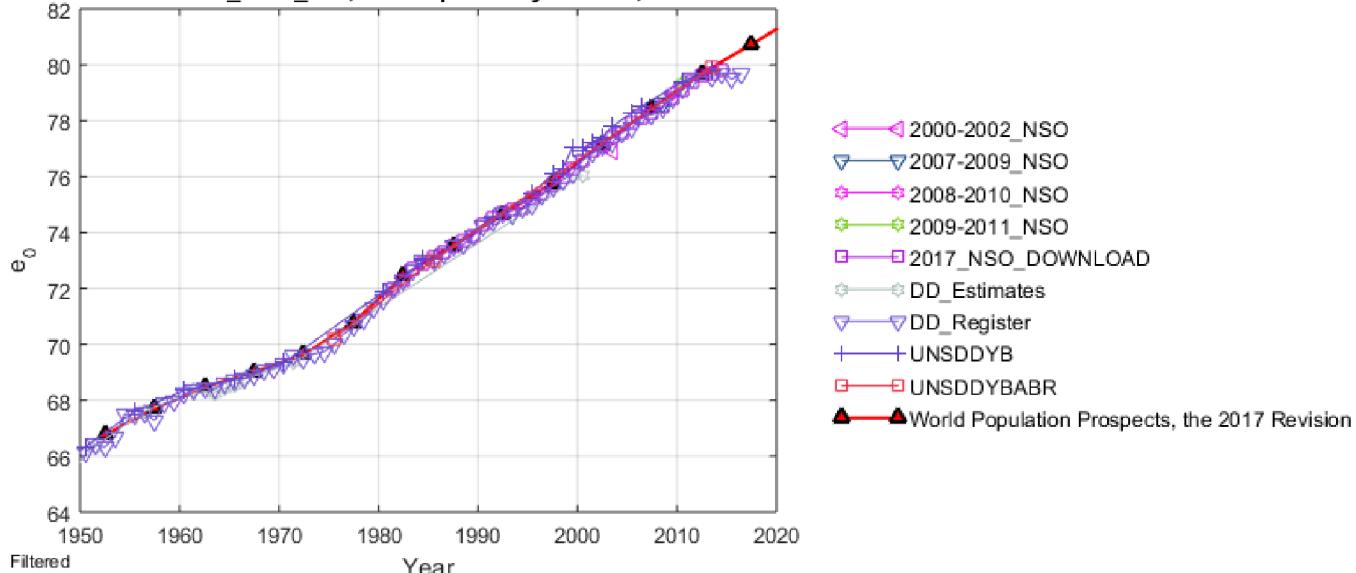




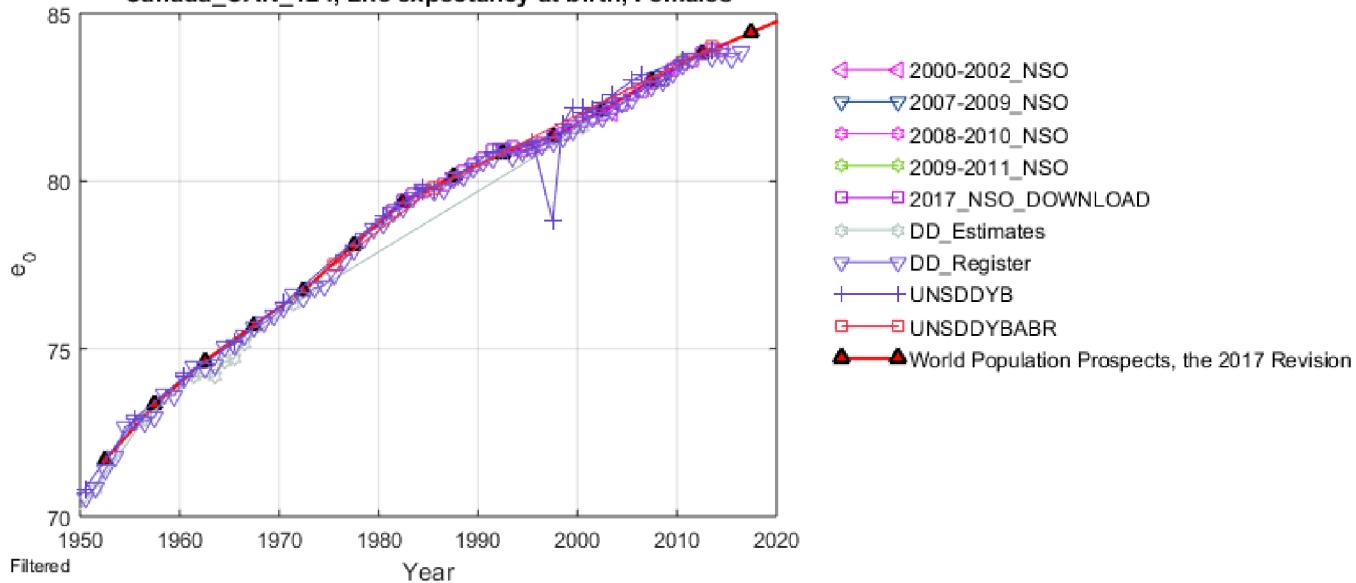




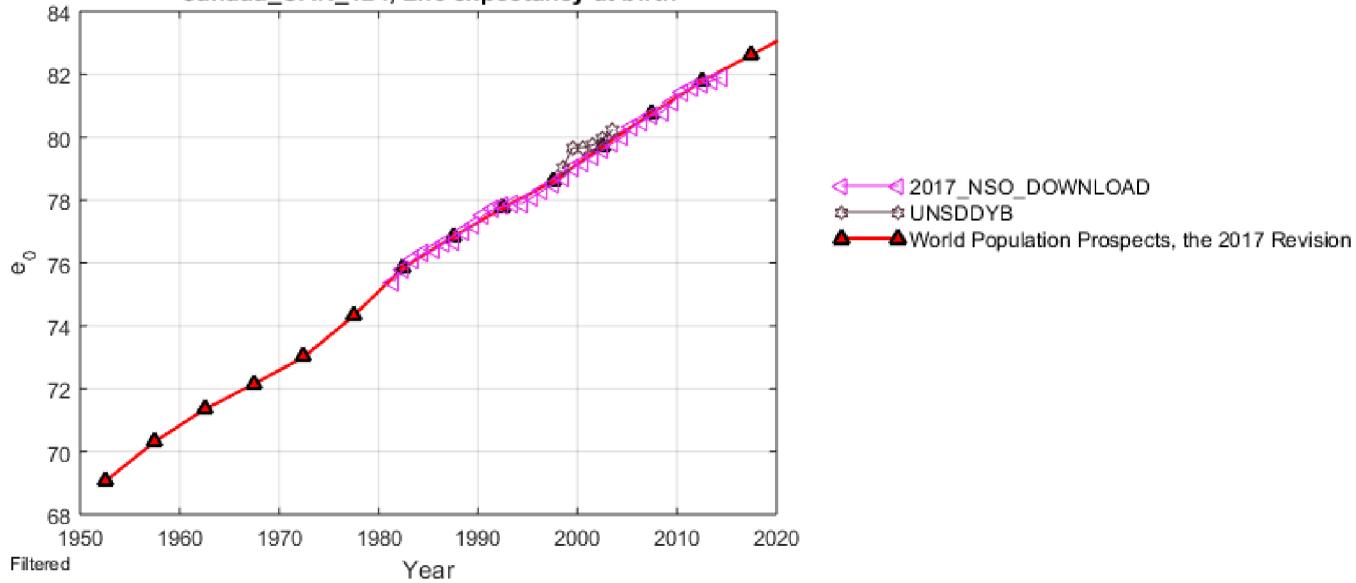
Canada_CAN_124, Life expectancy at birth, Males

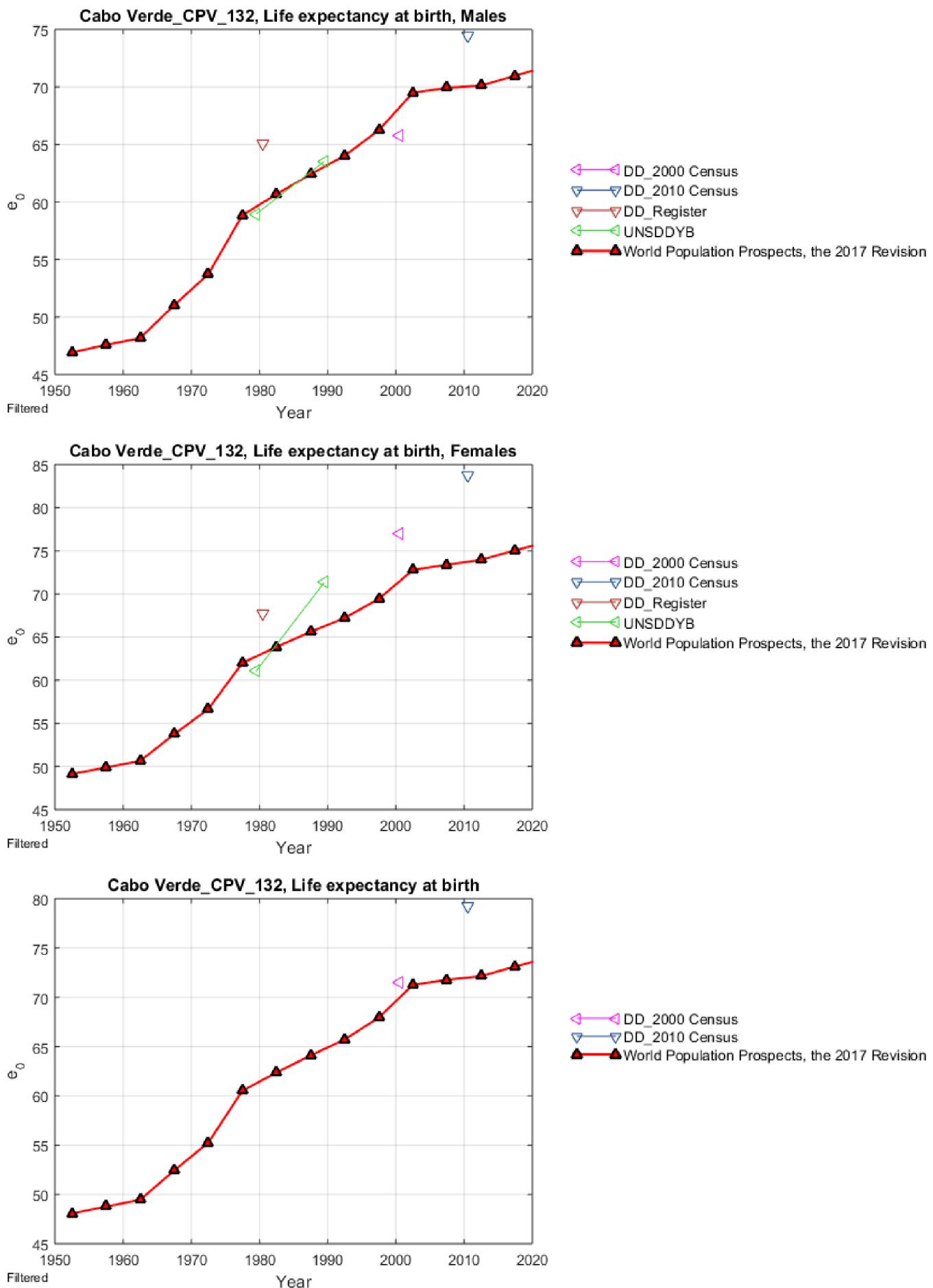


Canada_CAN_124, Life expectancy at birth, Females

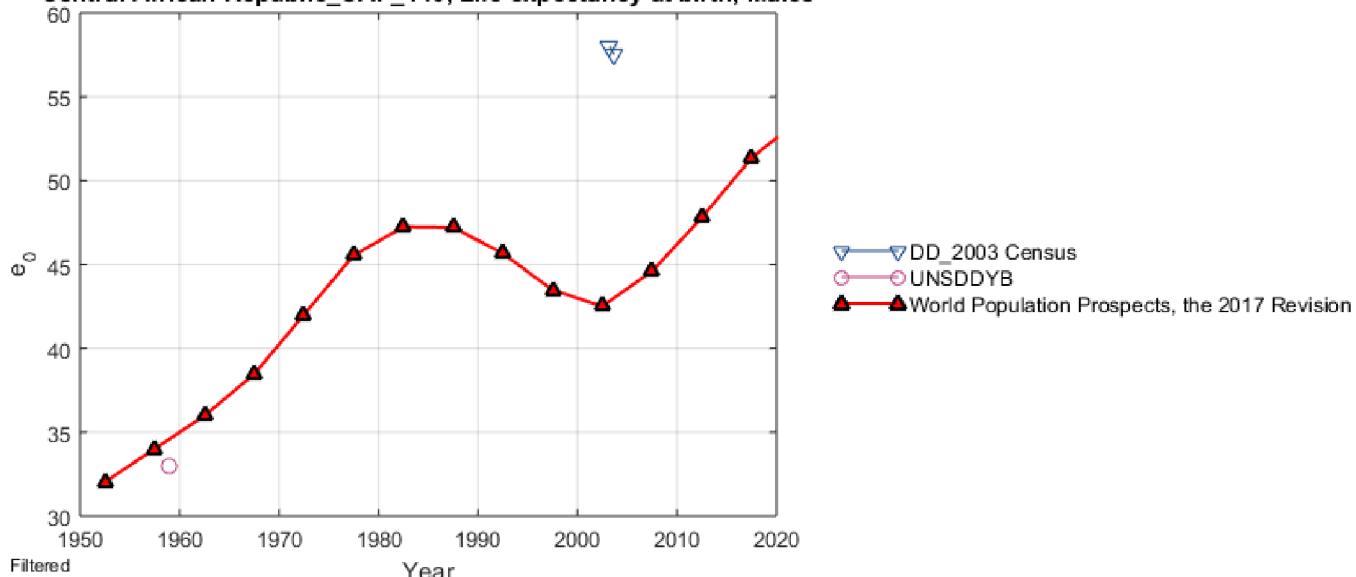


Canada_CAN_124, Life expectancy at birth

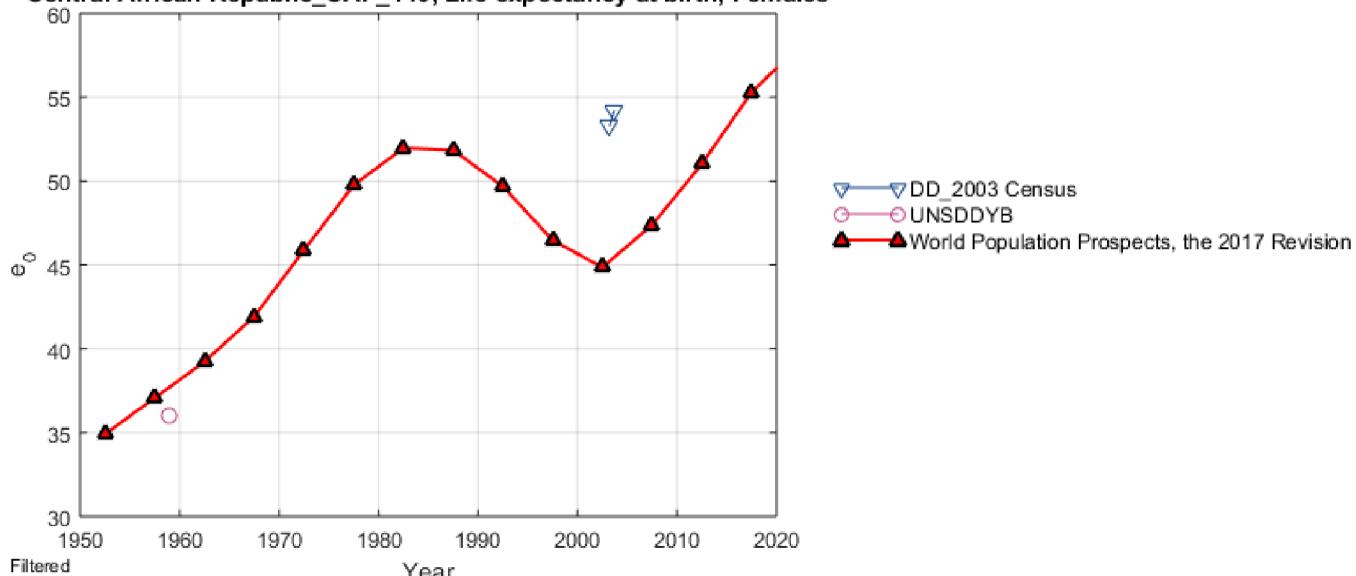




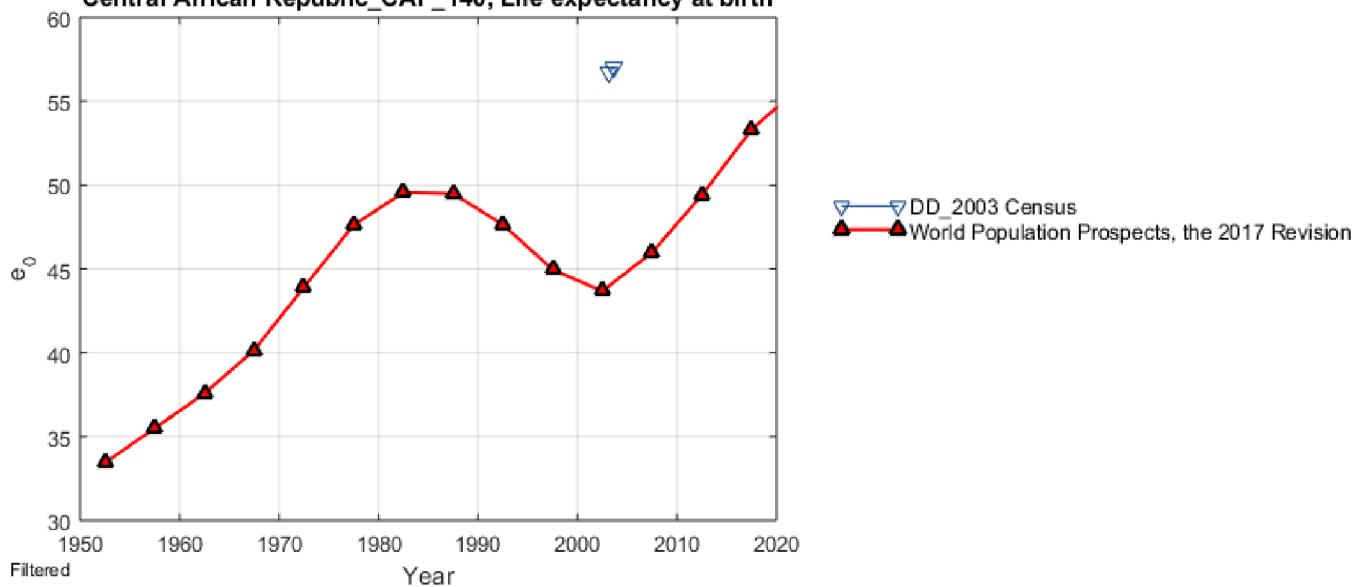
Central African Republic_CAF_140, Life expectancy at birth, Males



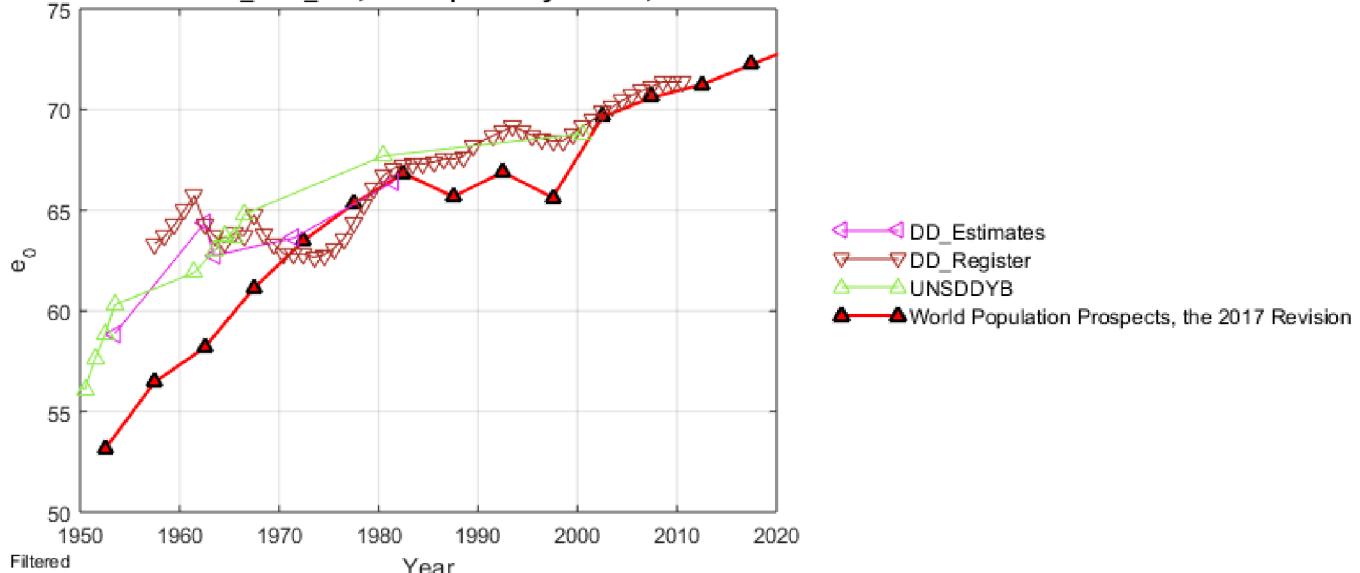
Central African Republic_CAF_140, Life expectancy at birth, Females



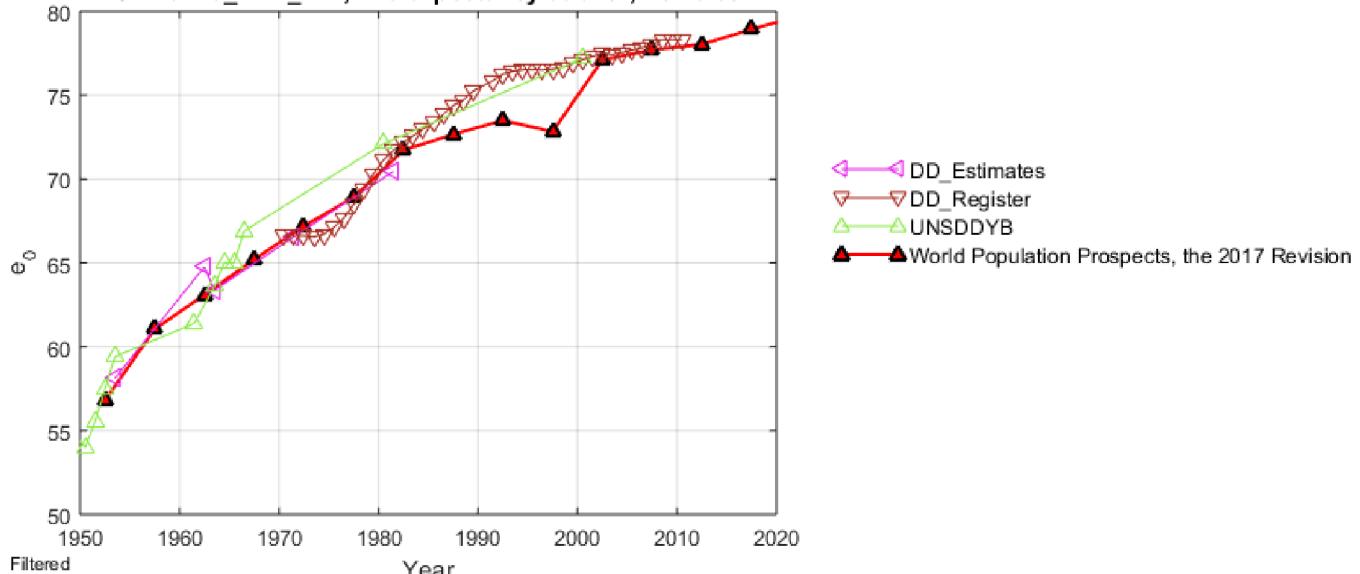
Central African Republic_CAF_140, Life expectancy at birth



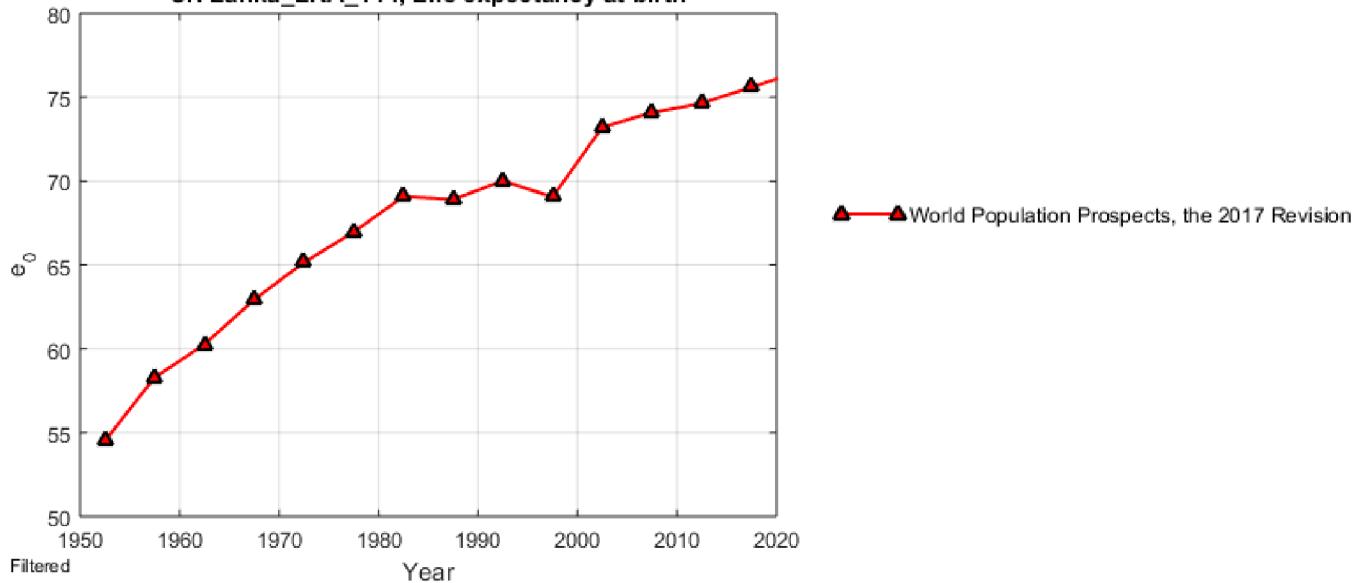
Sri Lanka_LKA_144, Life expectancy at birth, Males

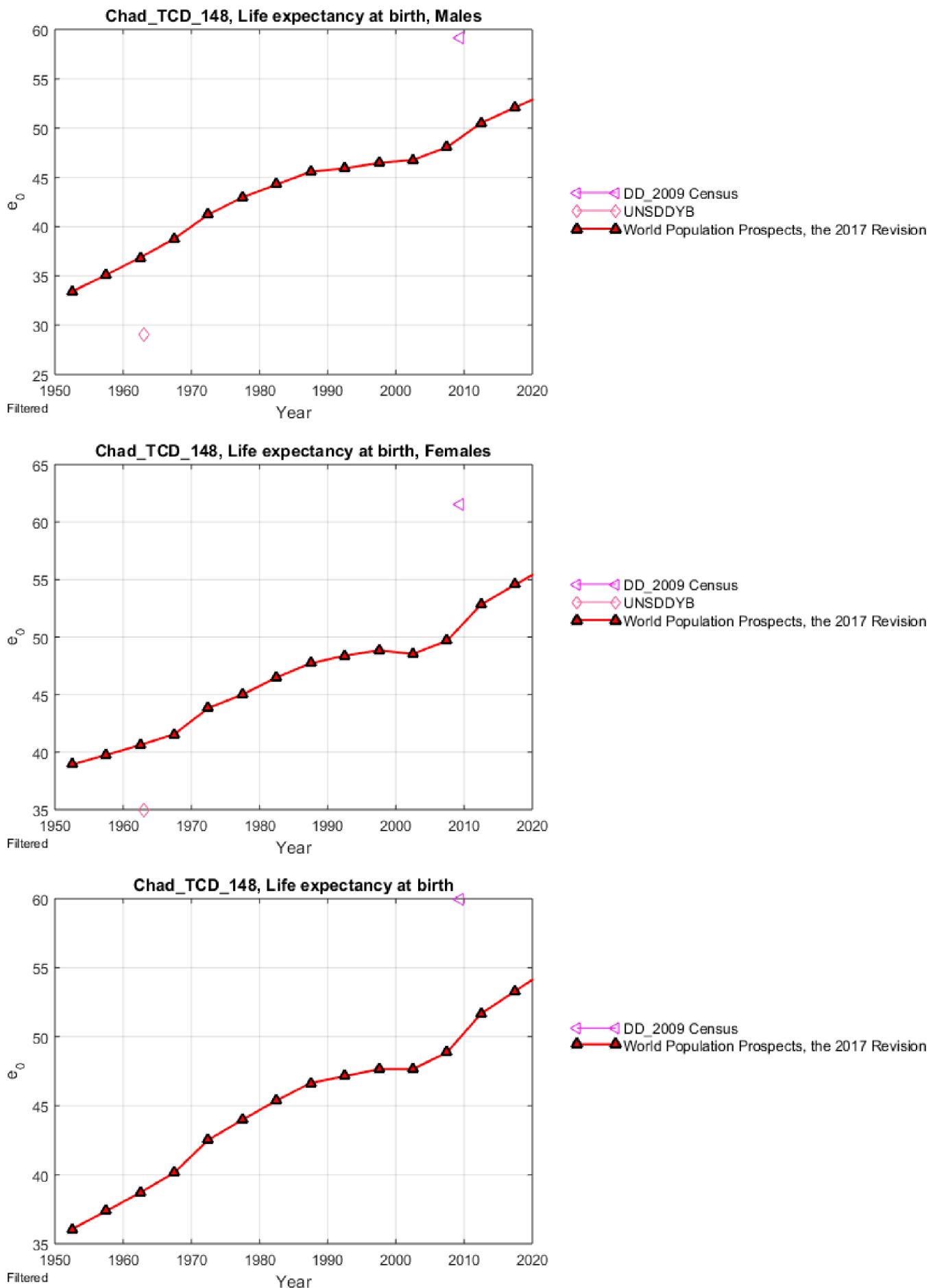


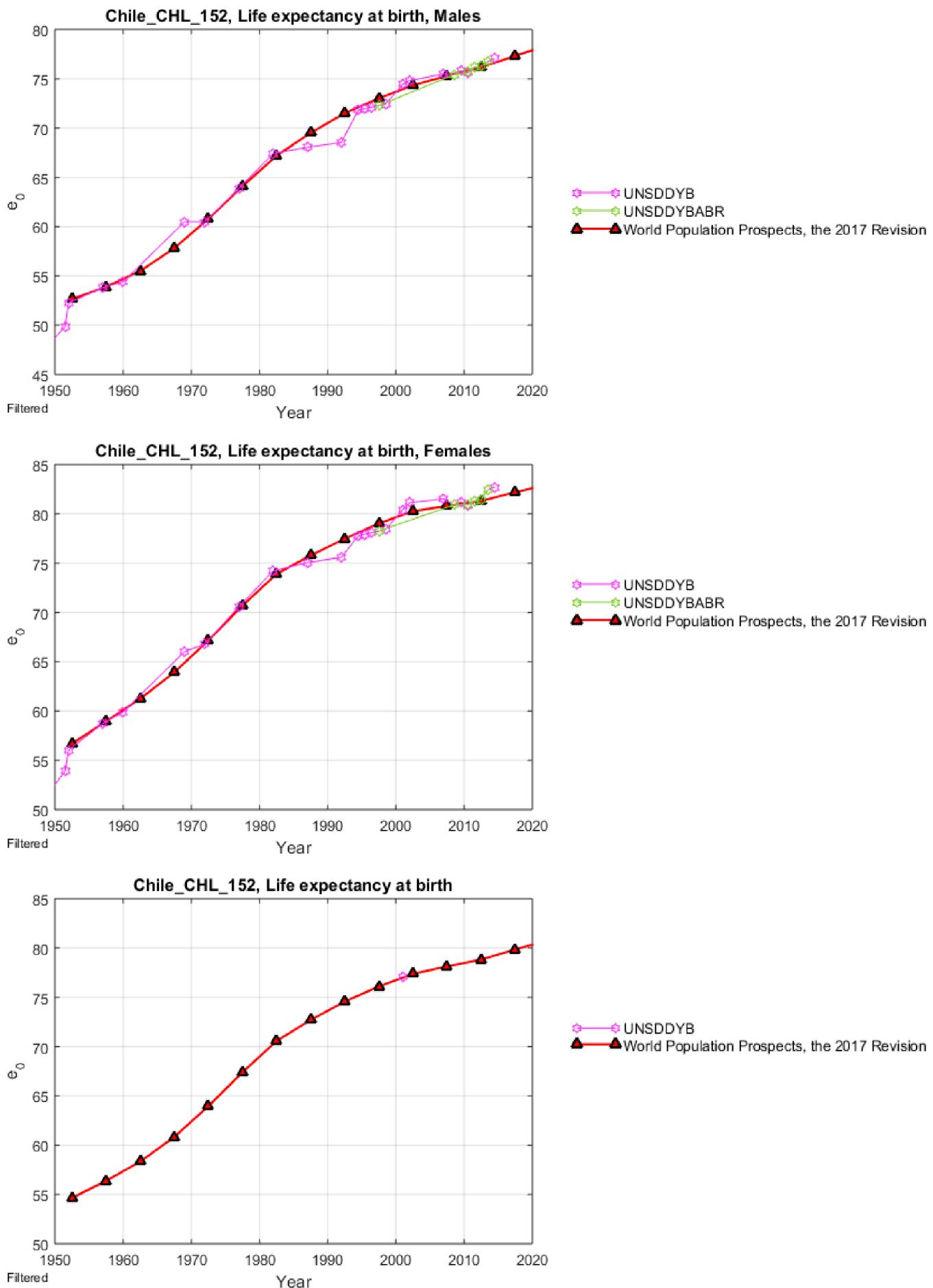
Sri Lanka_LKA_144, Life expectancy at birth, Females

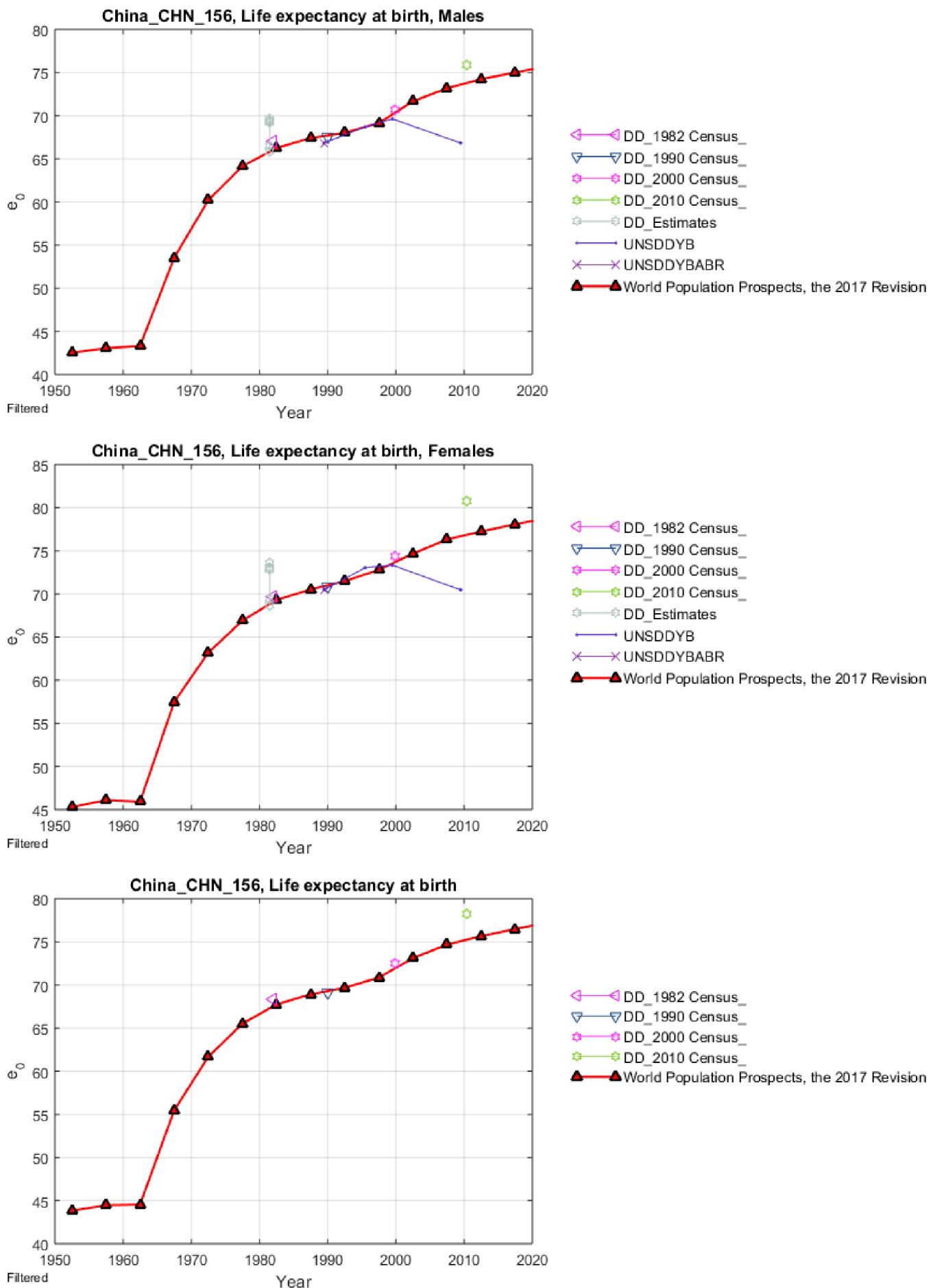


Sri Lanka_LKA_144, Life expectancy at birth

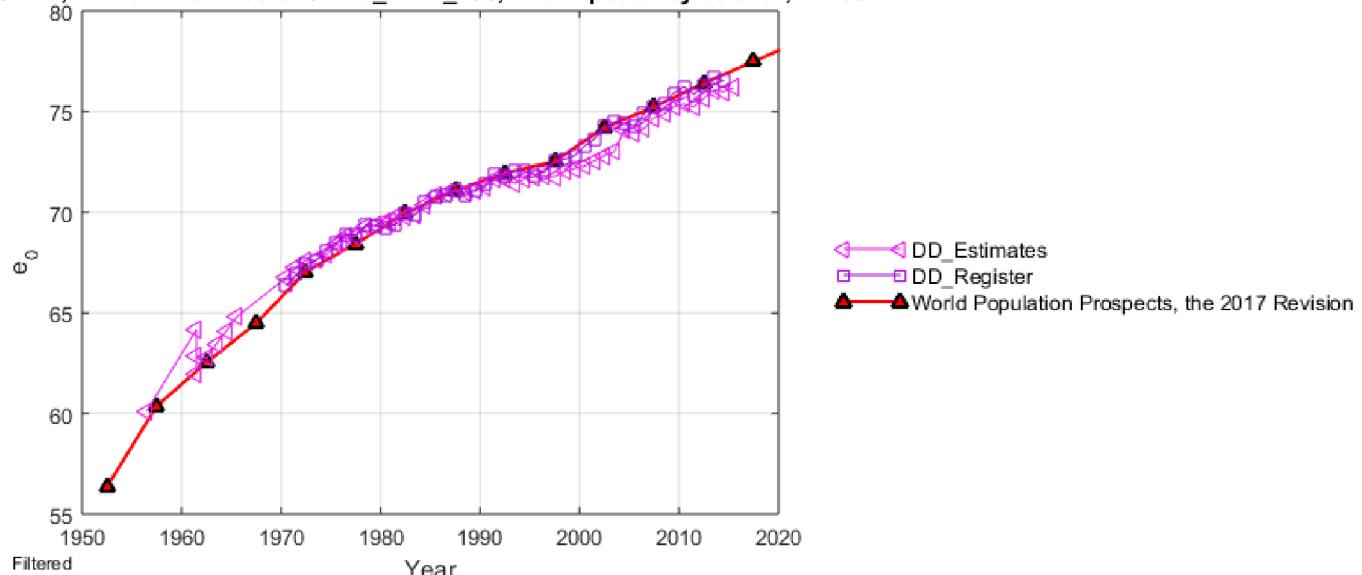




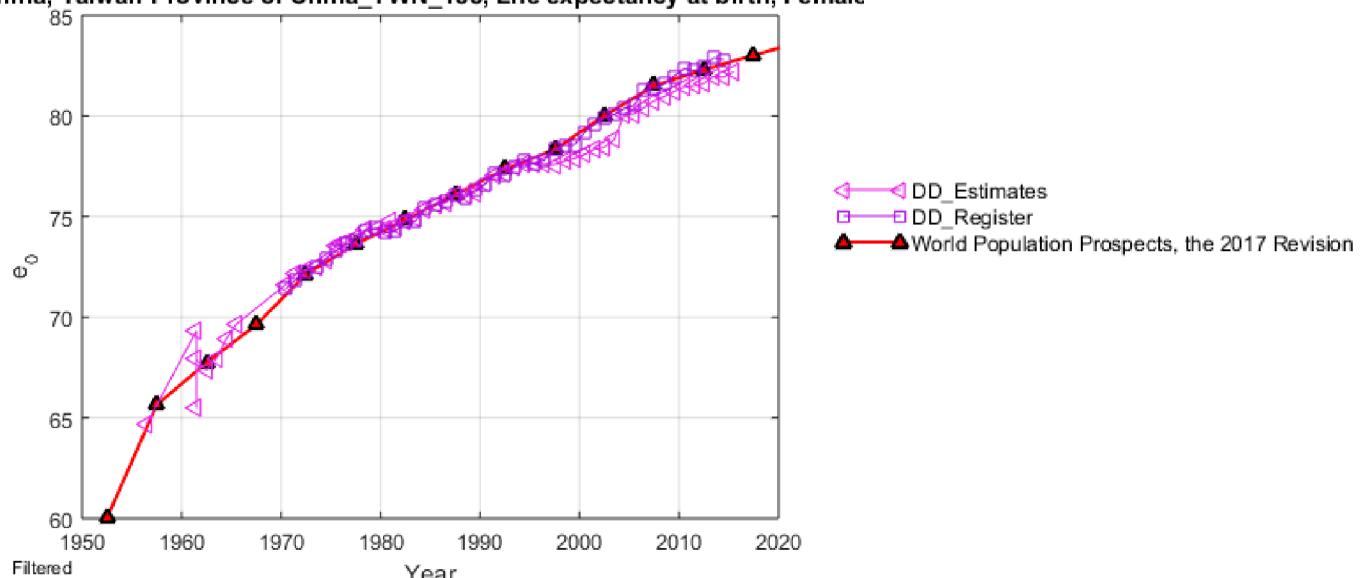




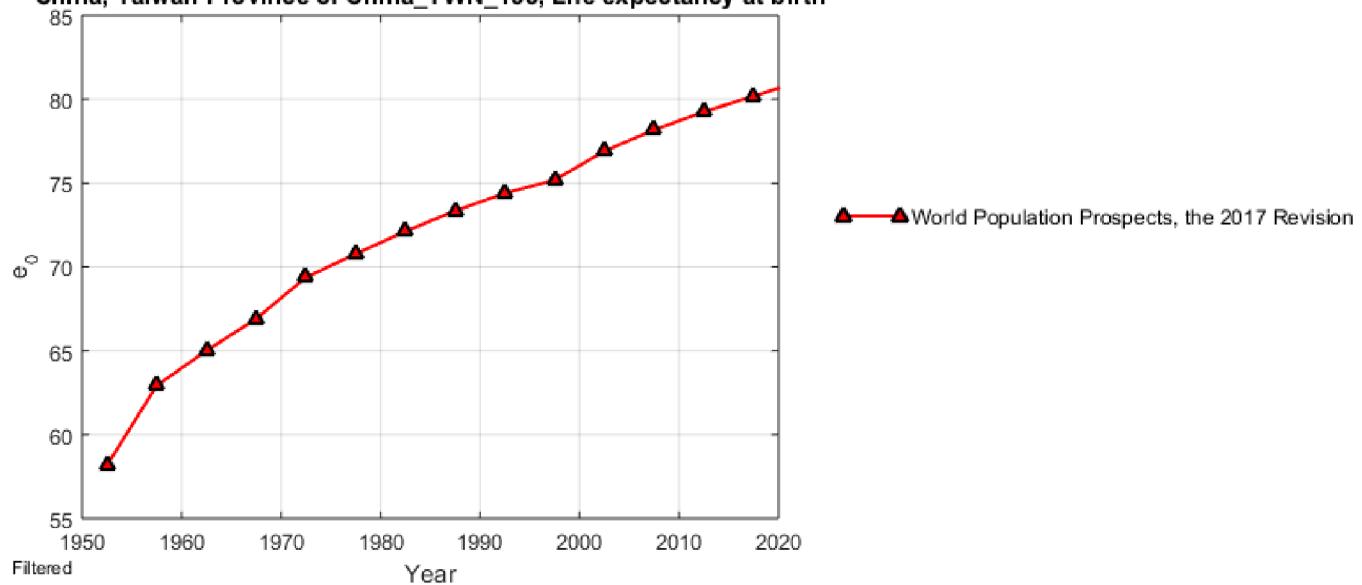
China, Taiwan Province of China_TWN_158, Life expectancy at birth, Males

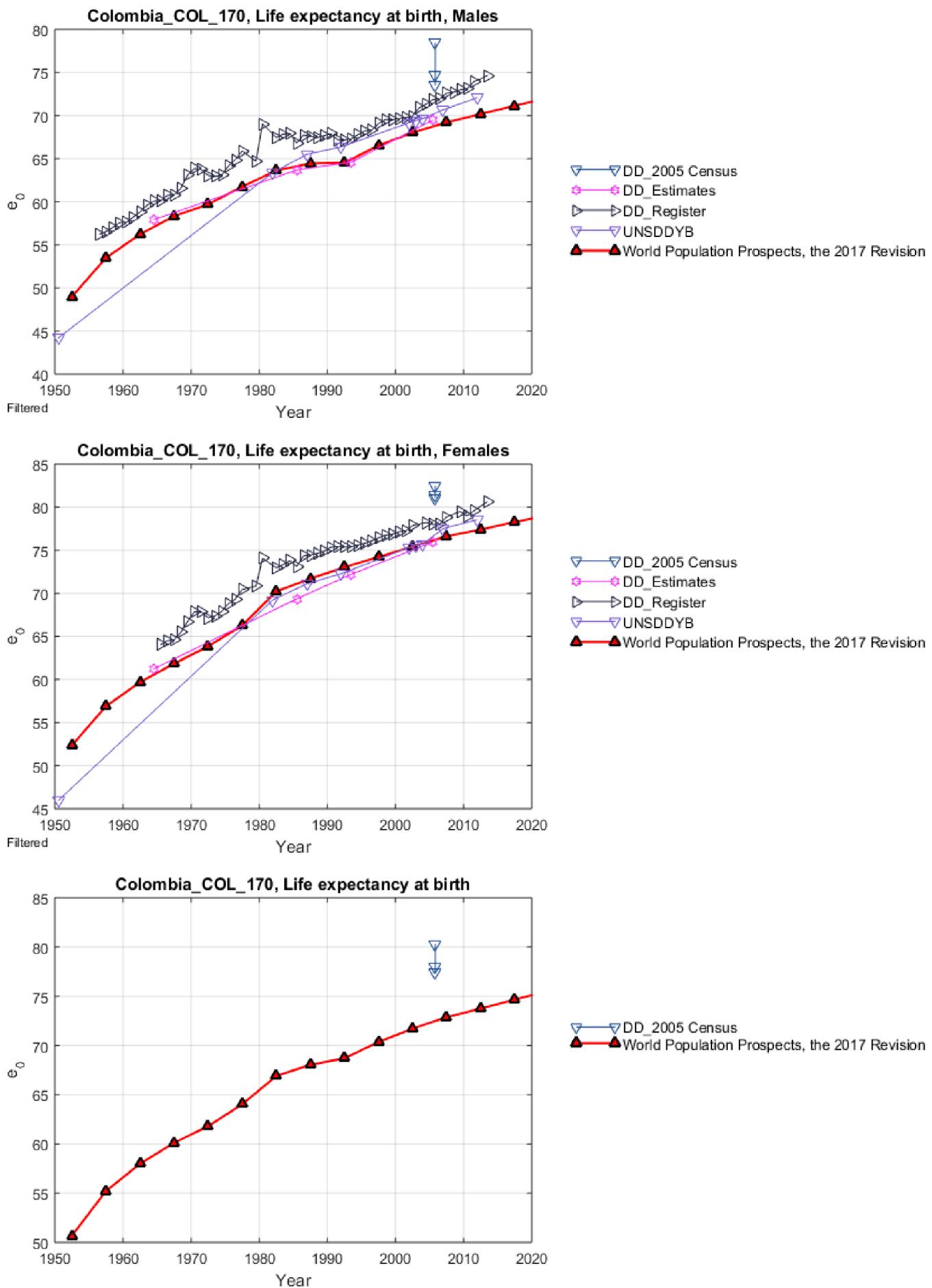


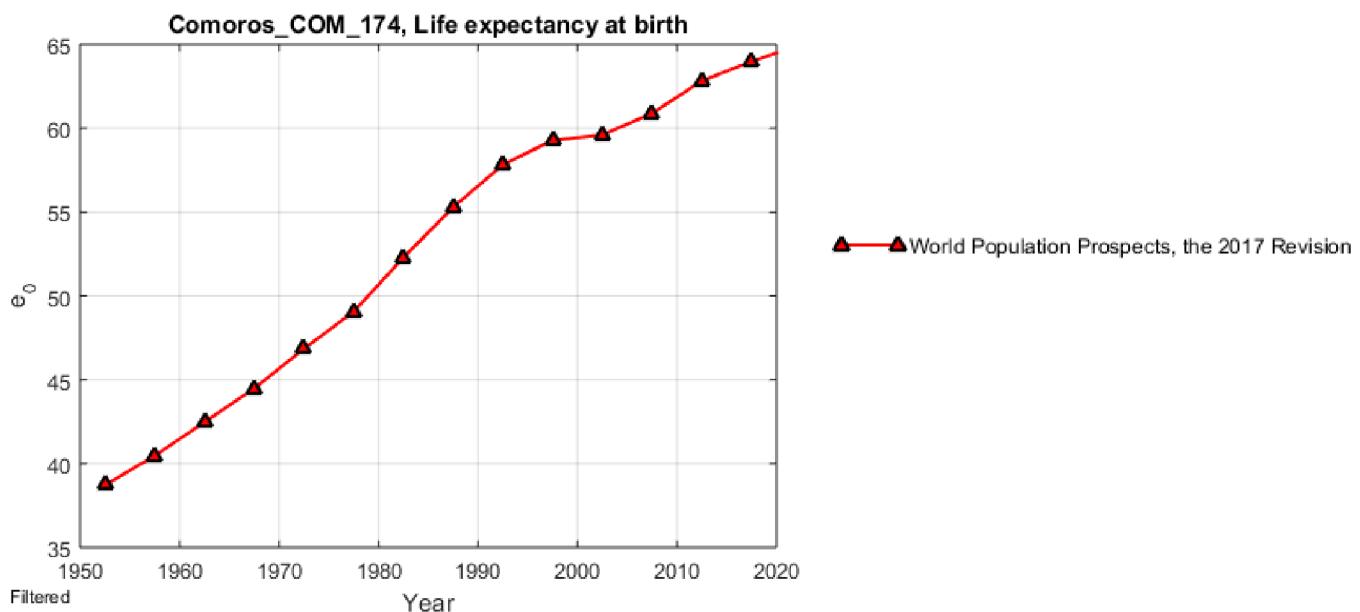
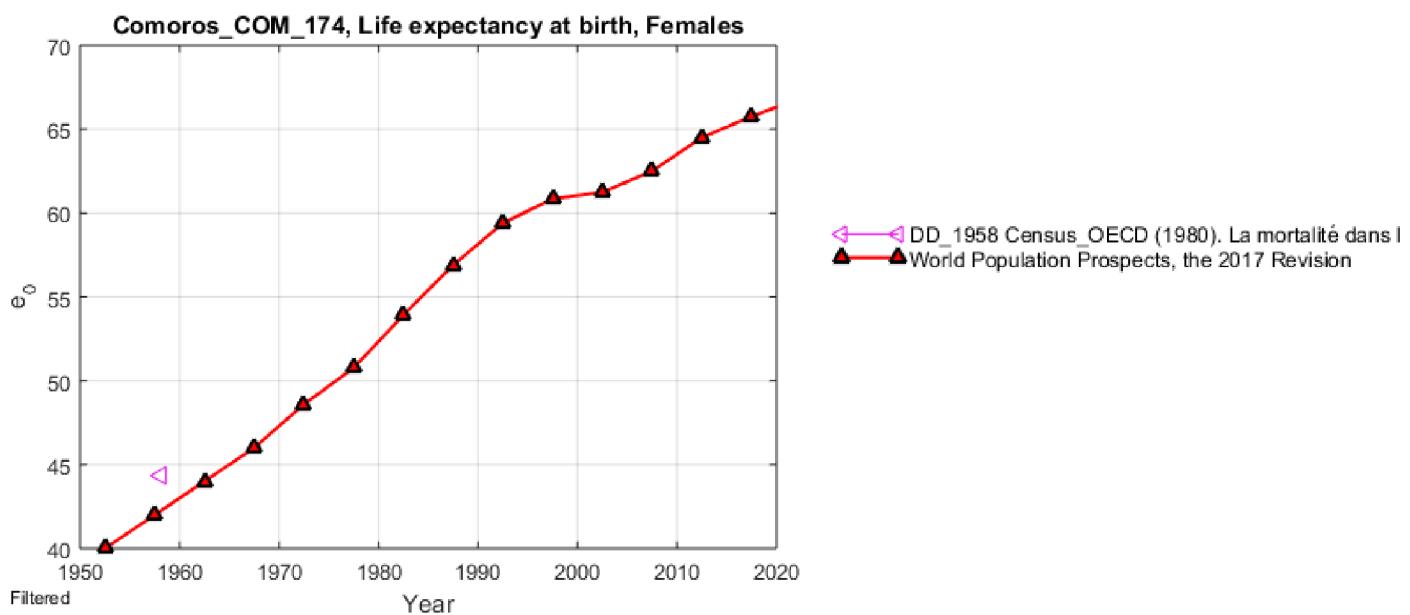
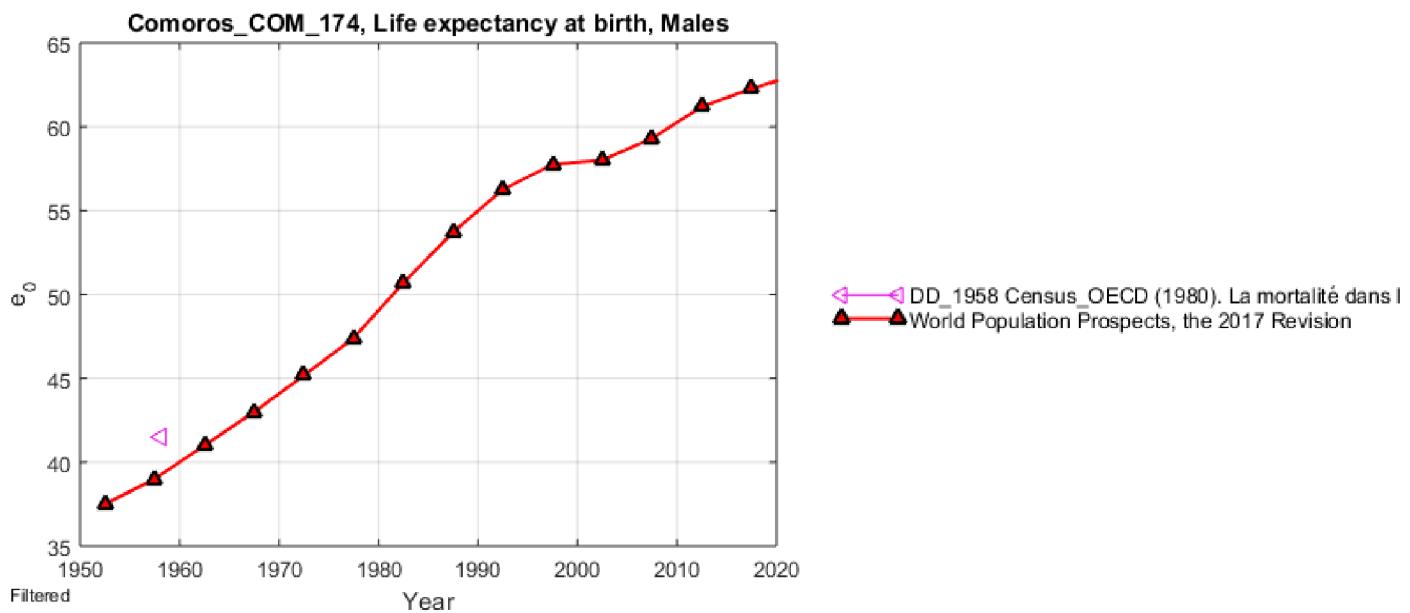
China, Taiwan Province of China_TWN_158, Life expectancy at birth, Female

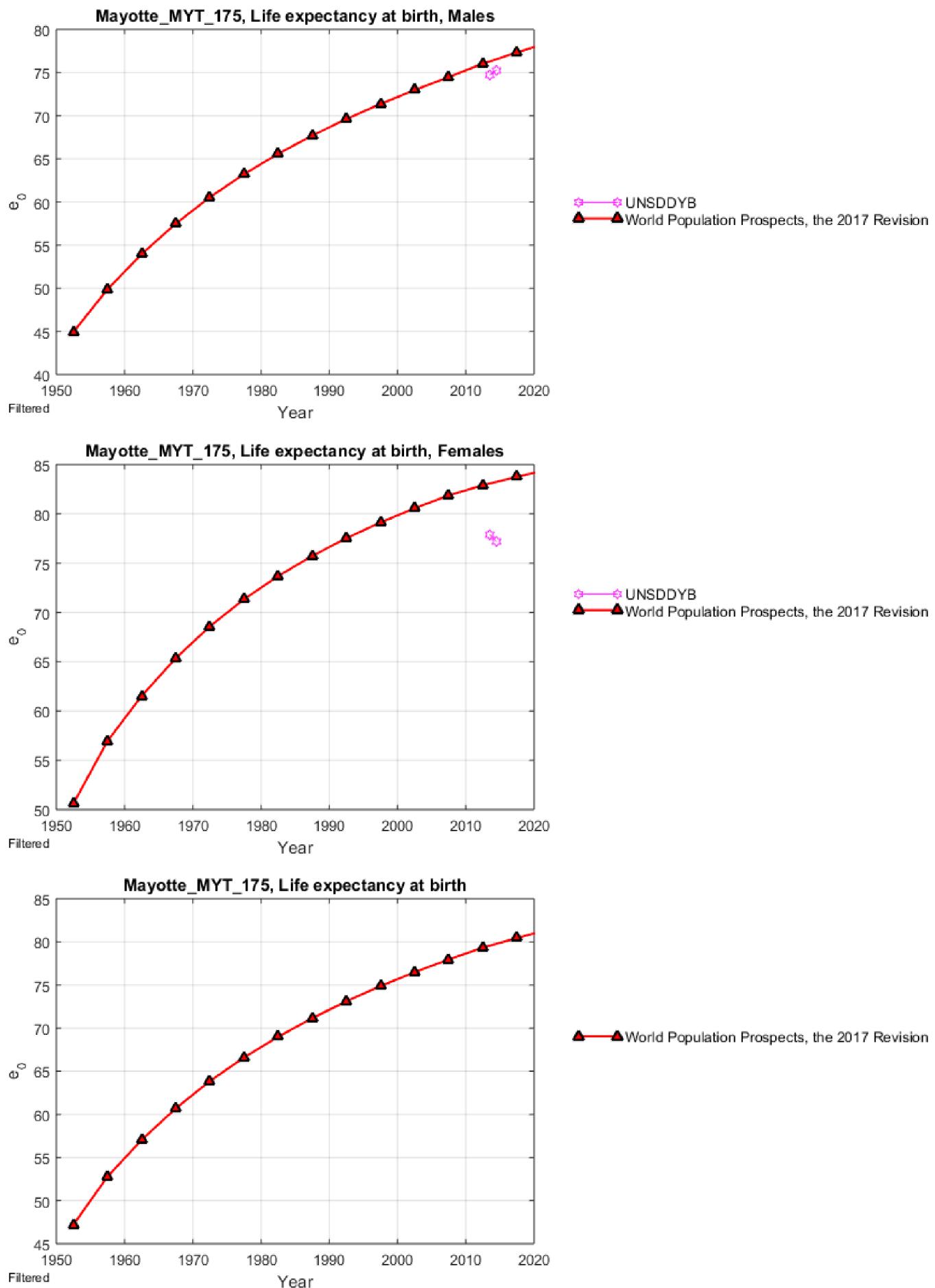


China, Taiwan Province of China_TWN_158, Life expectancy at birth

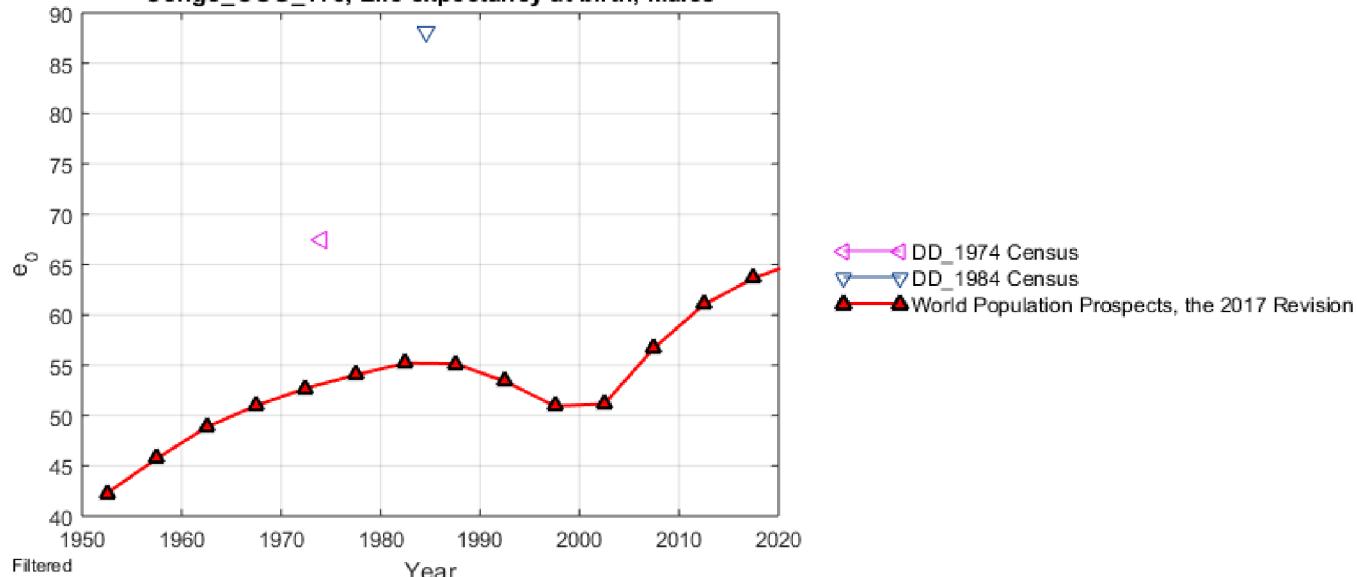




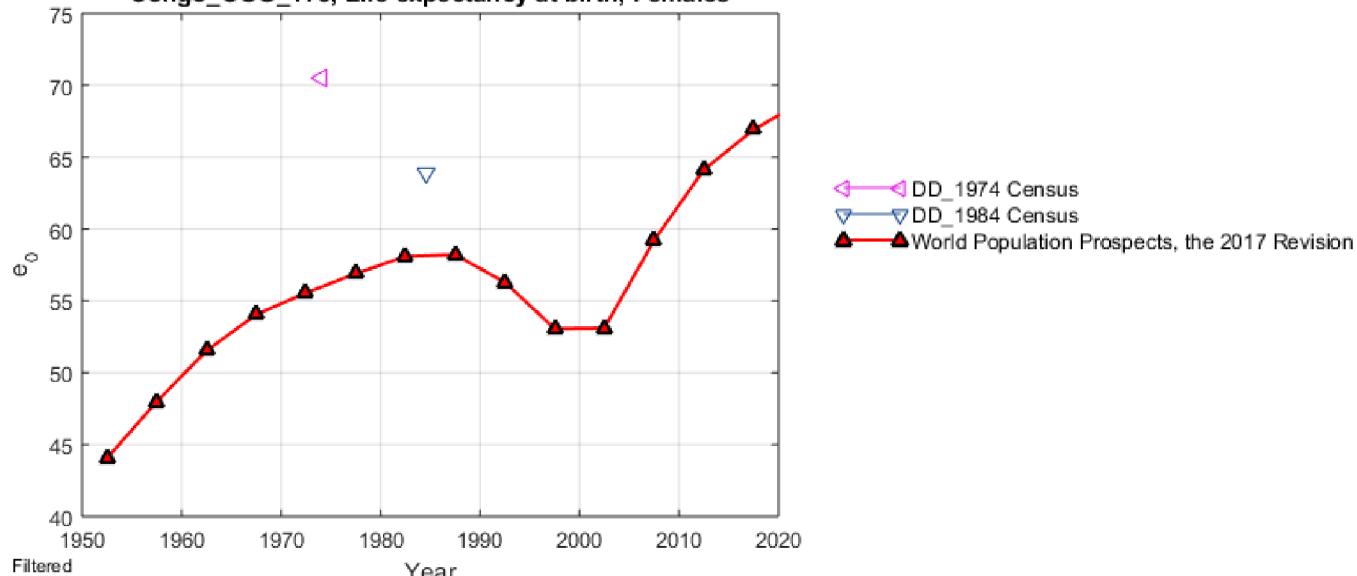




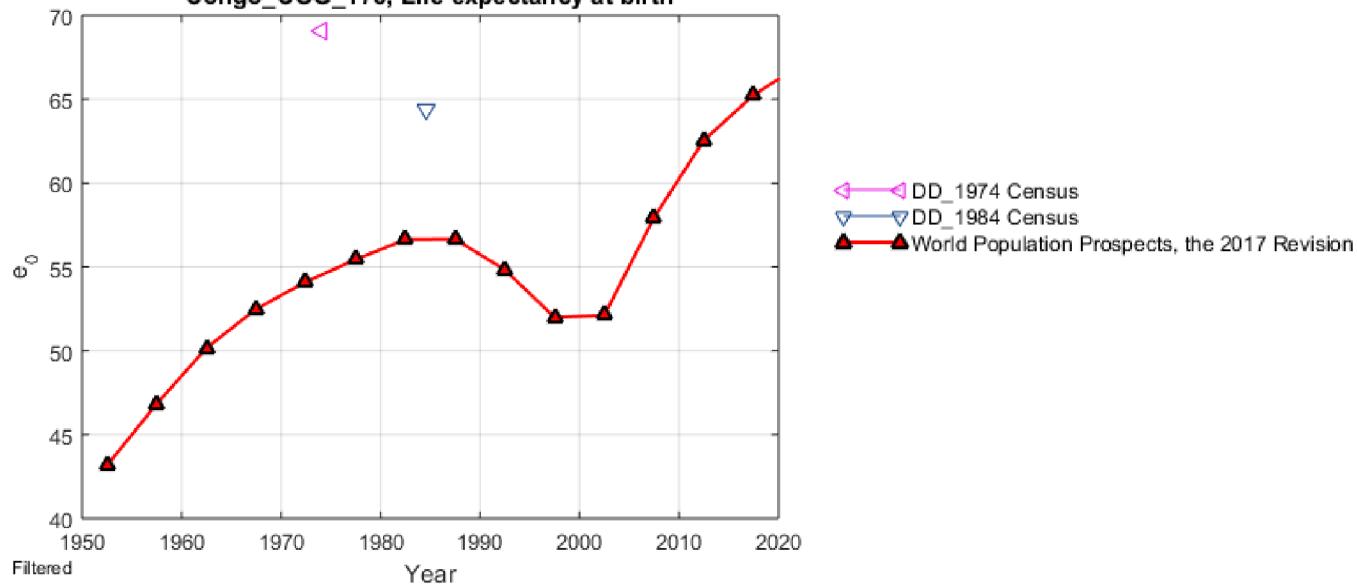
Congo_COG_178, Life expectancy at birth, Males



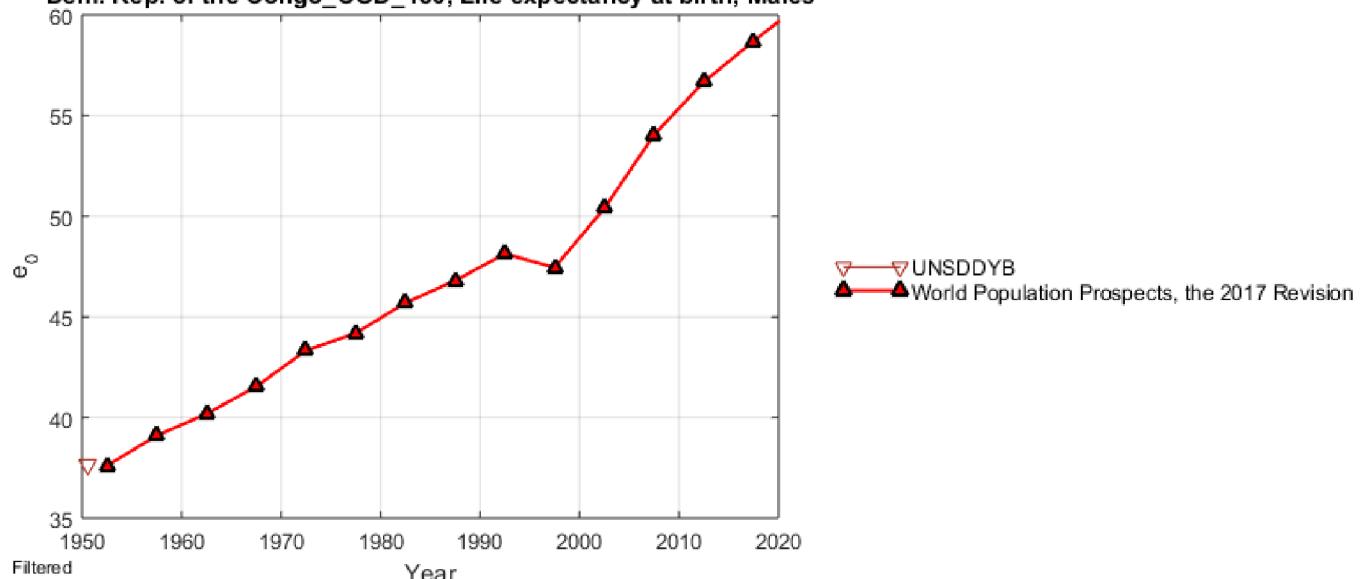
Congo_COG_178, Life expectancy at birth, Females



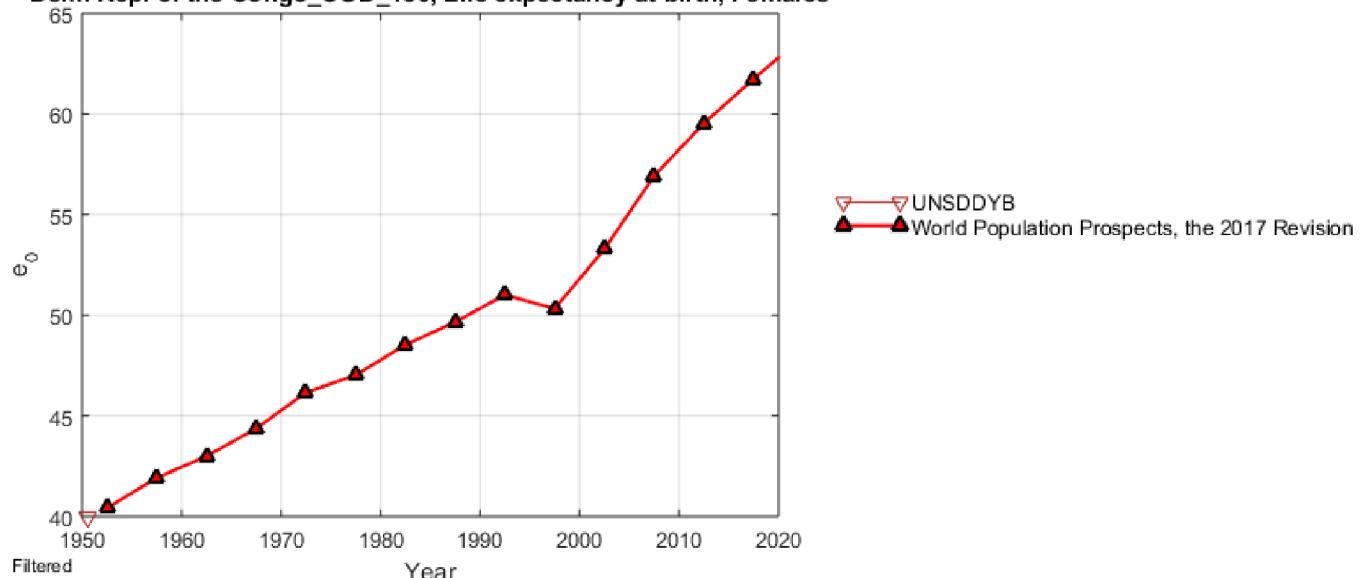
Congo_COG_178, Life expectancy at birth



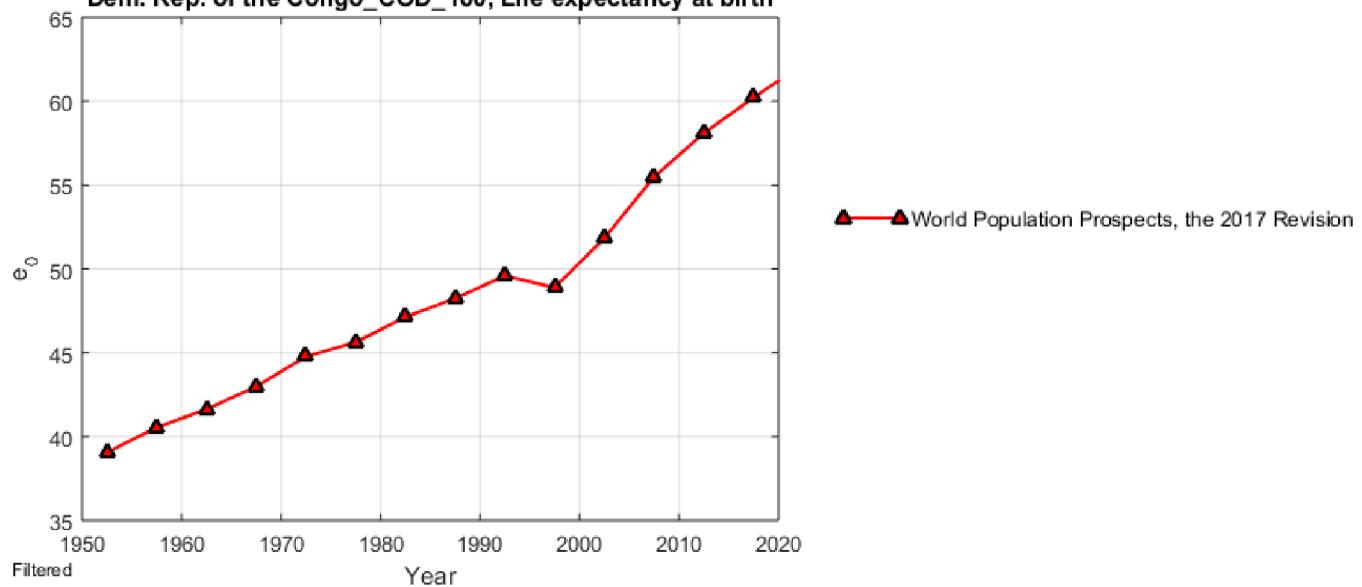
Dem. Rep. of the Congo_COD_180, Life expectancy at birth, Males

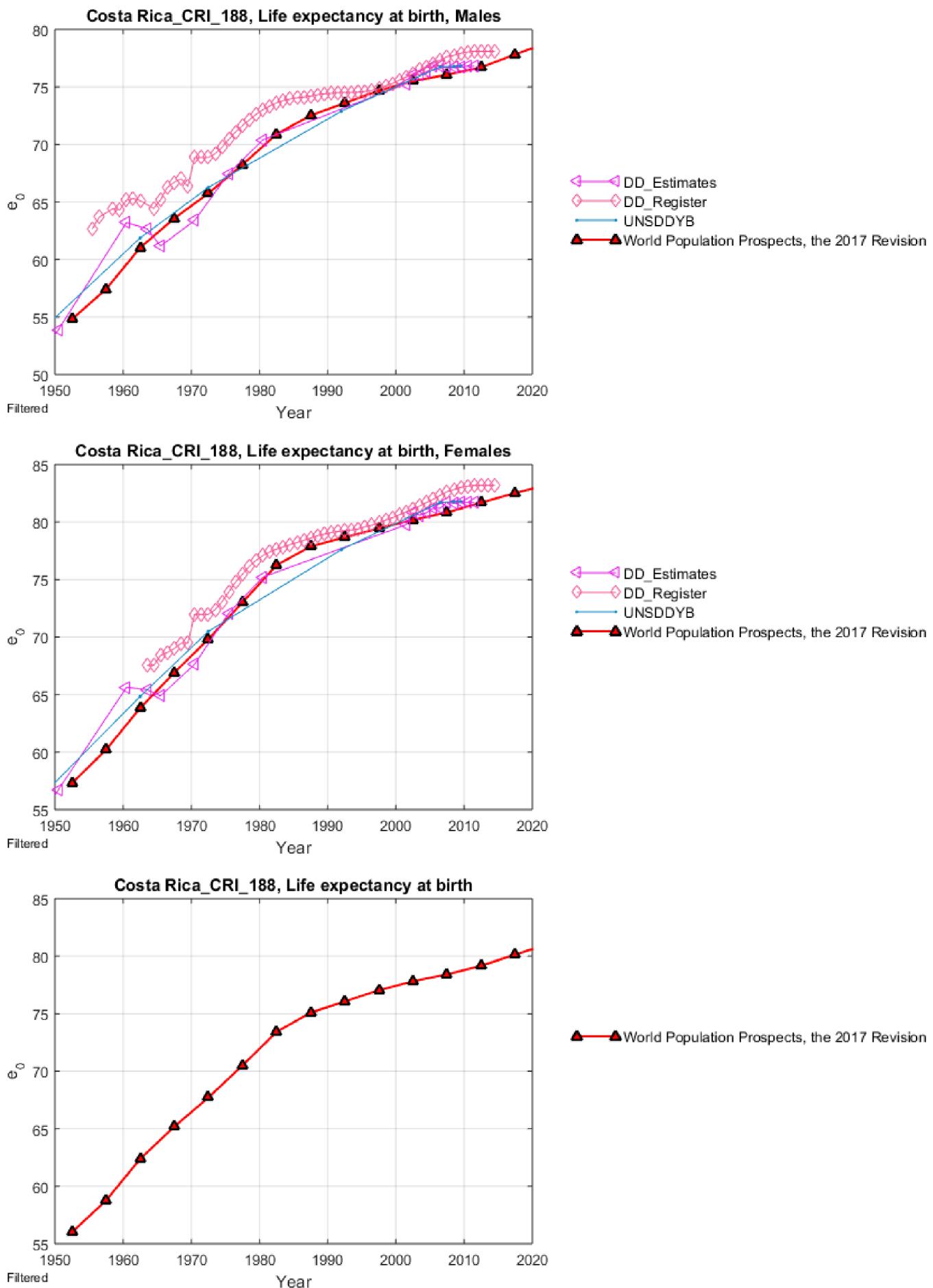


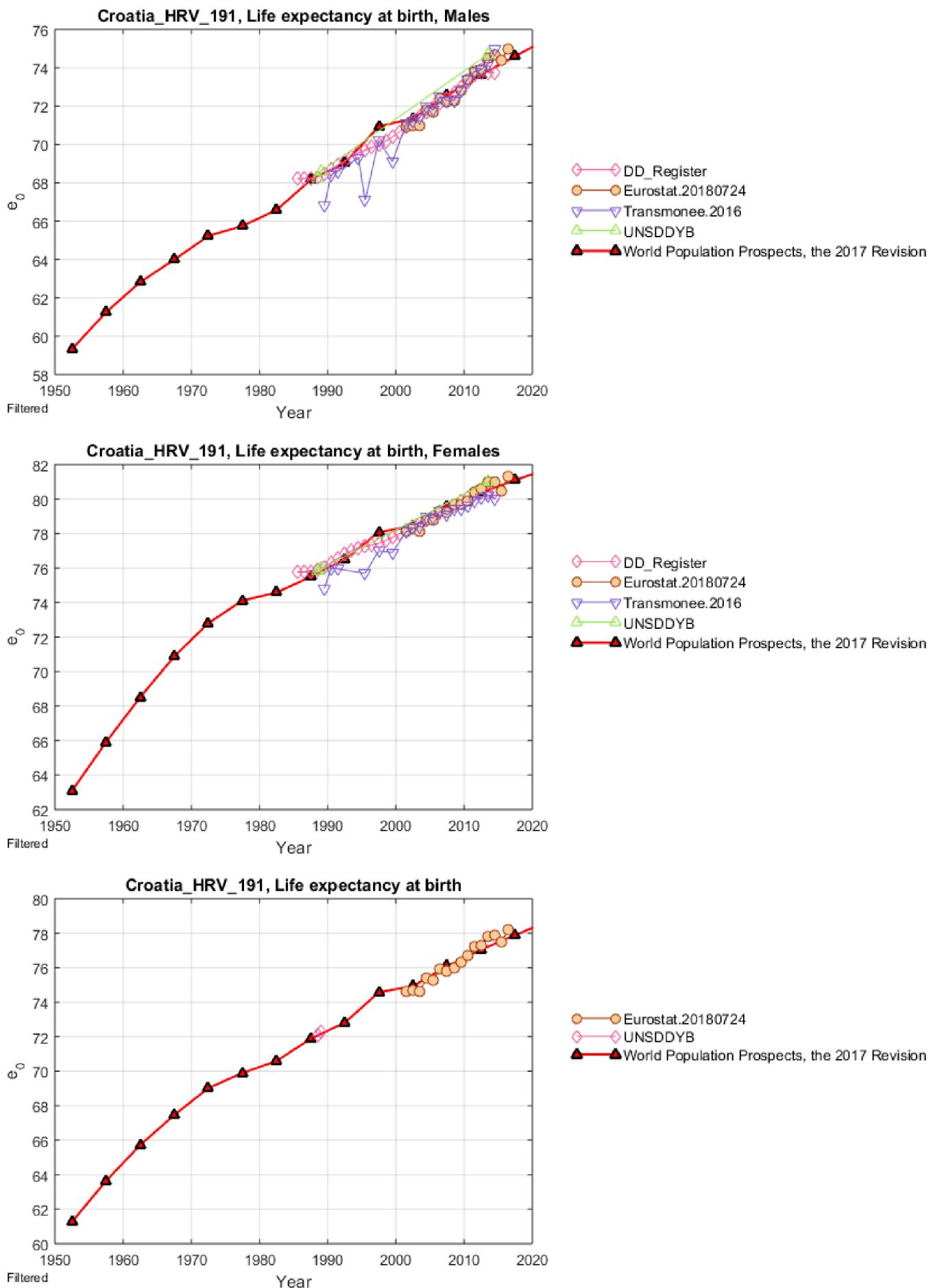
Dem. Rep. of the Congo_COD_180, Life expectancy at birth, Females

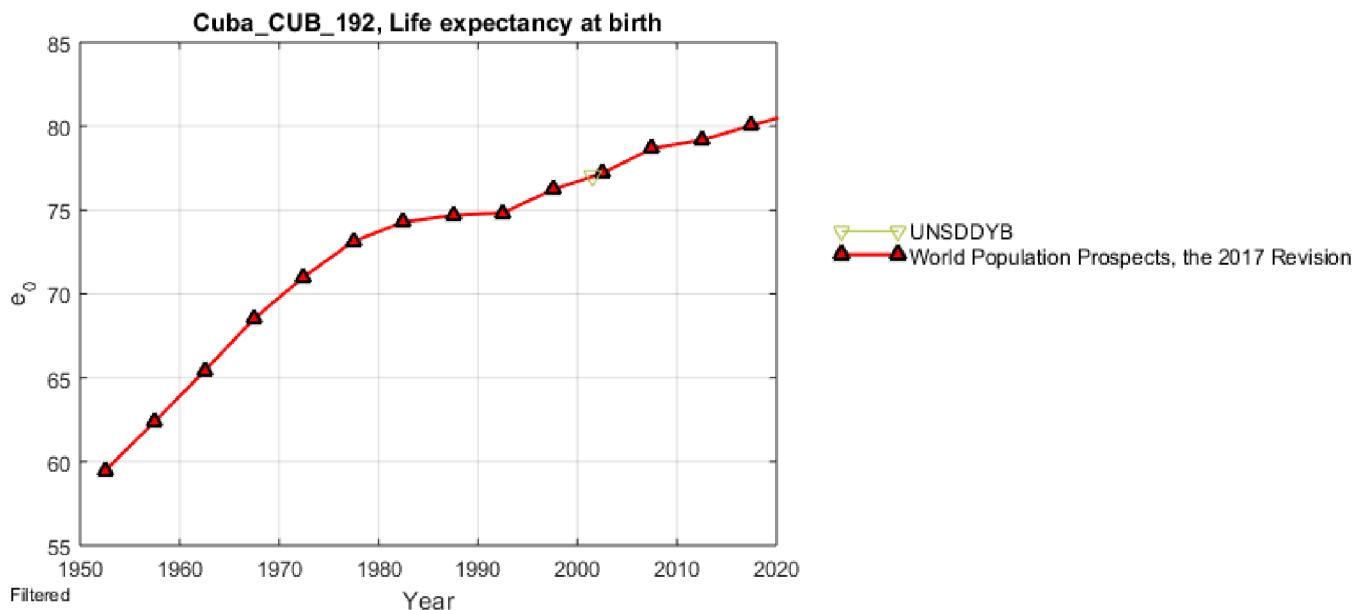
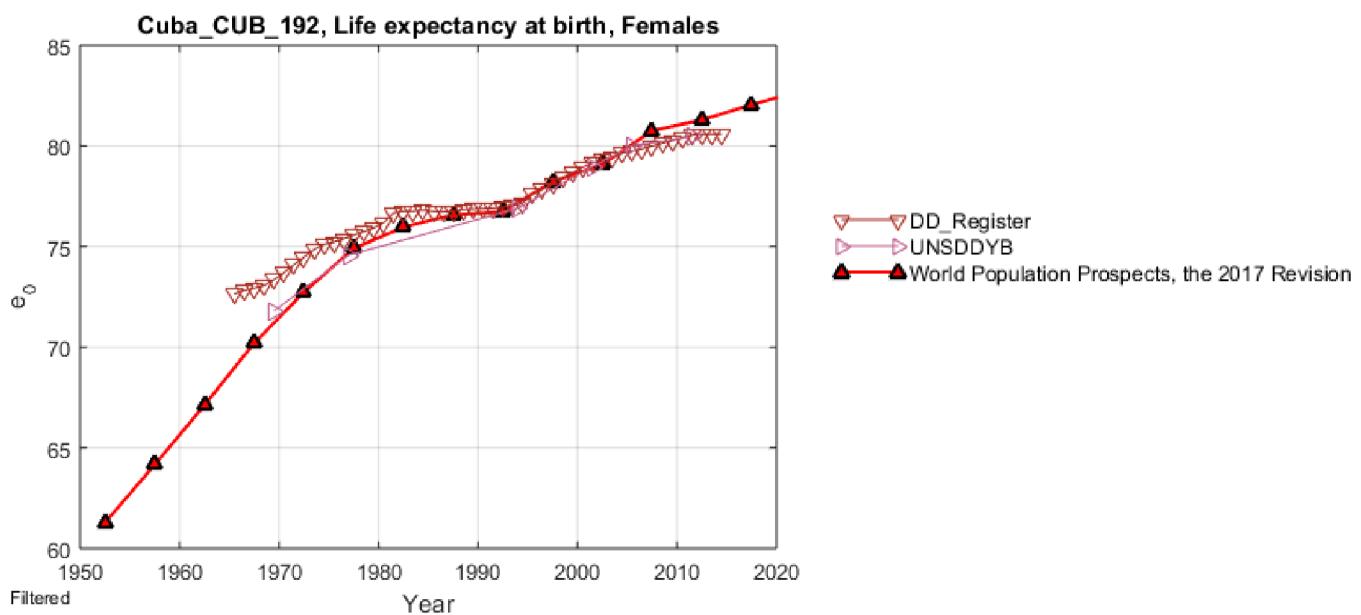
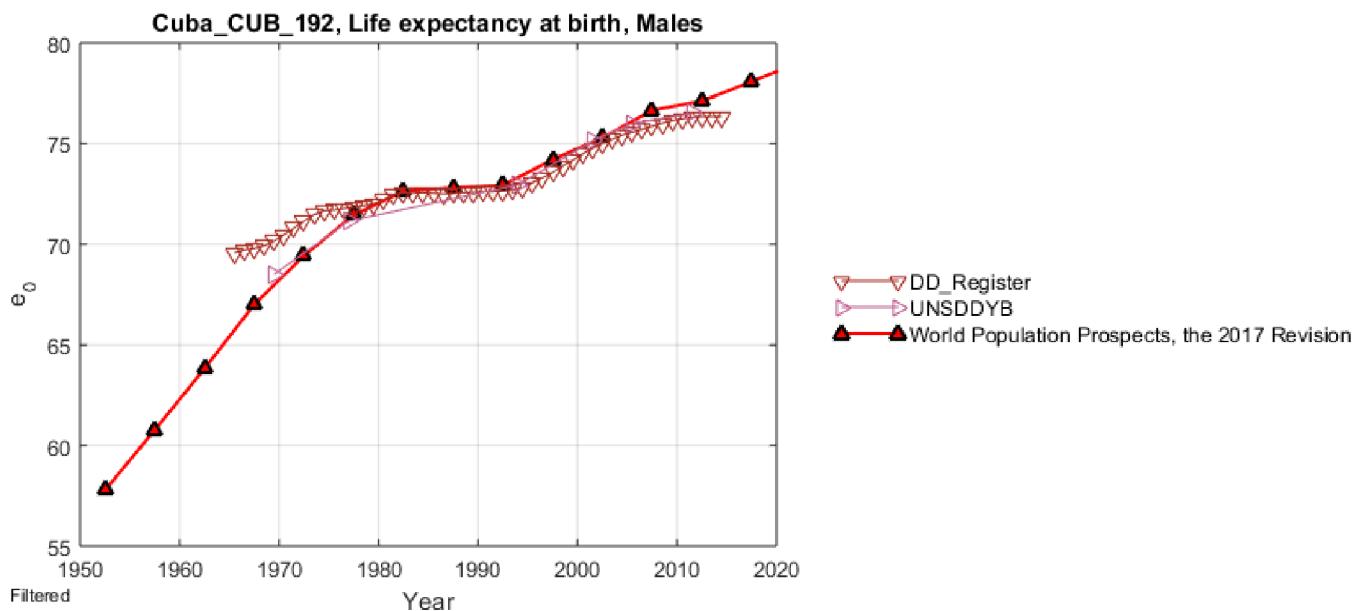


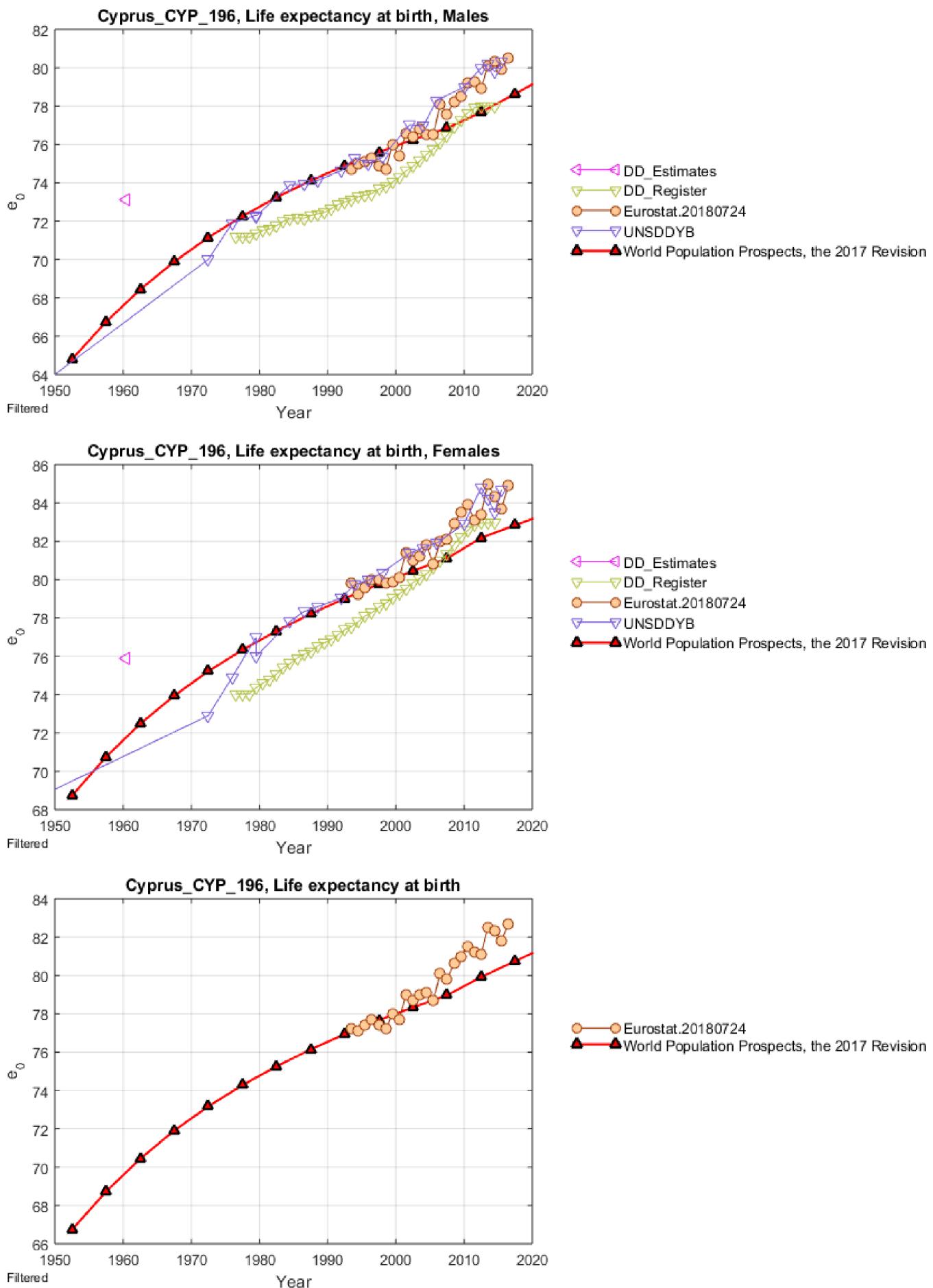
Dem. Rep. of the Congo_COD_180, Life expectancy at birth



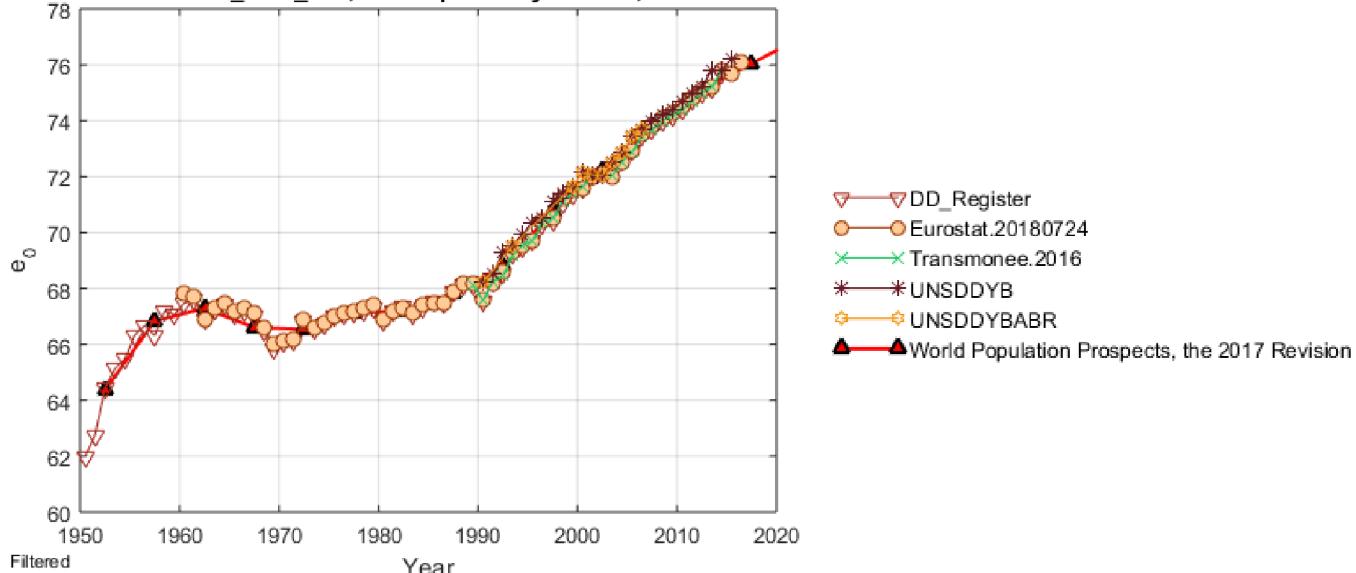




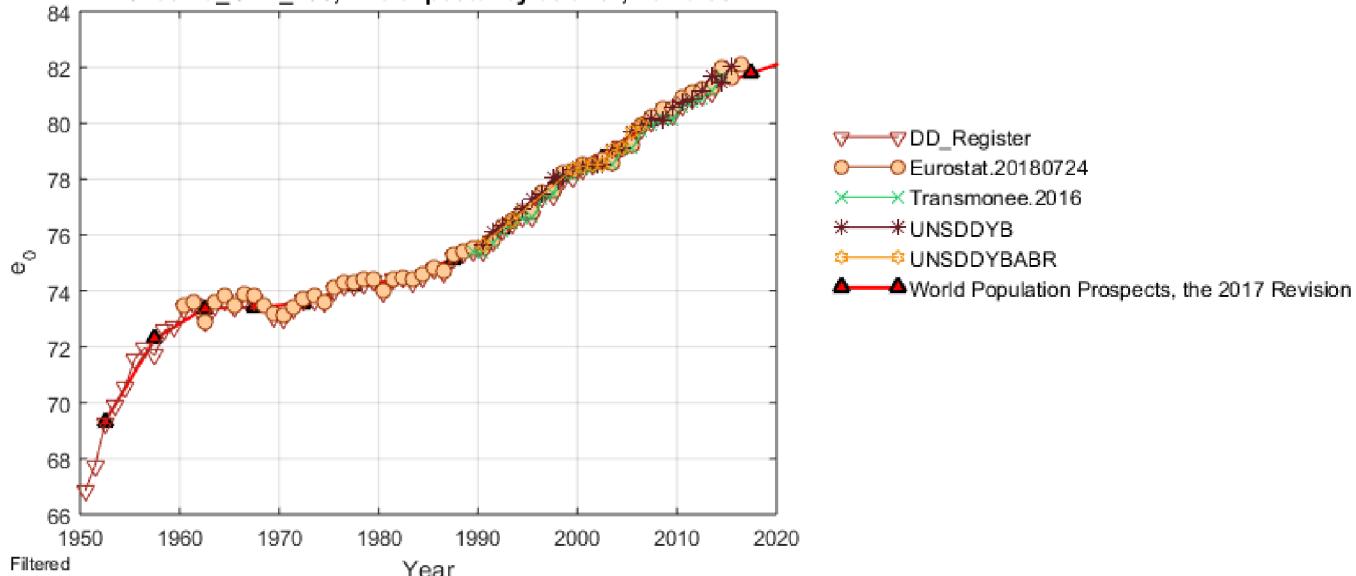




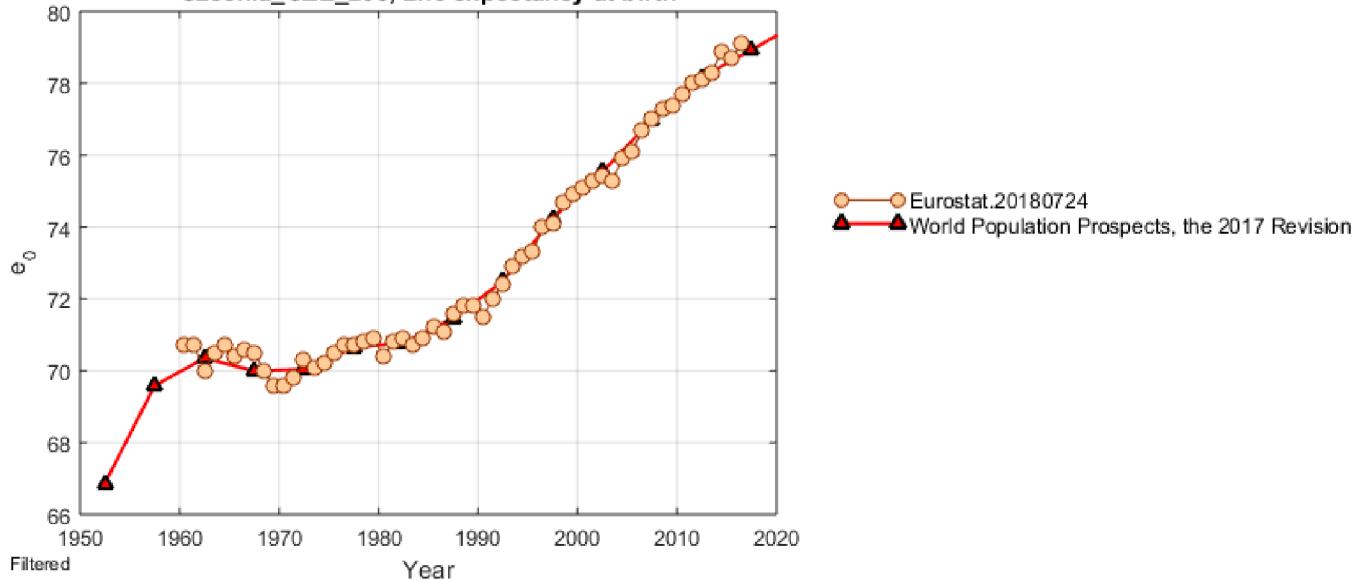
Czechia_CZE_203, Life expectancy at birth, Males

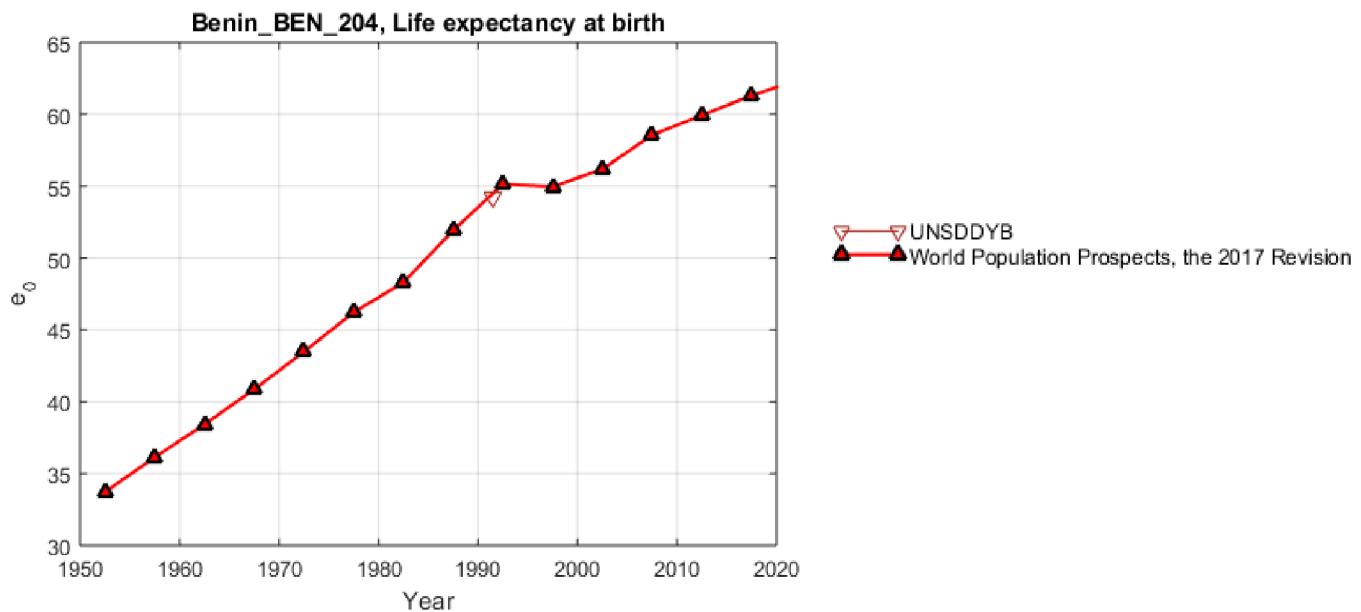
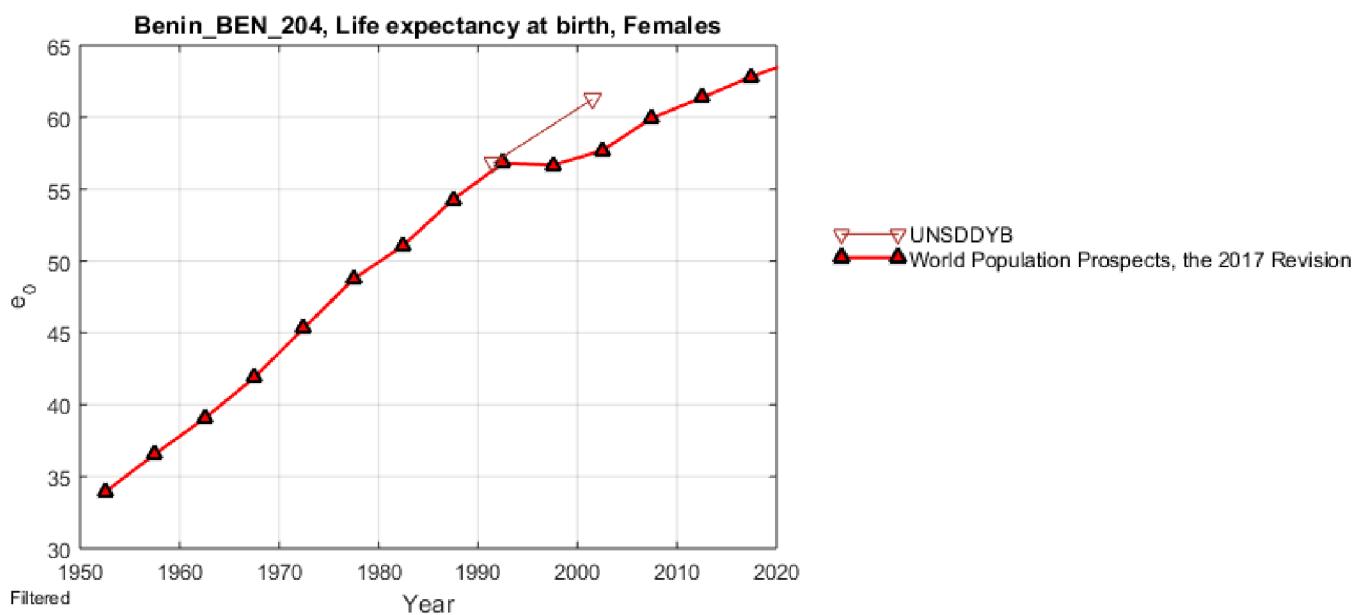
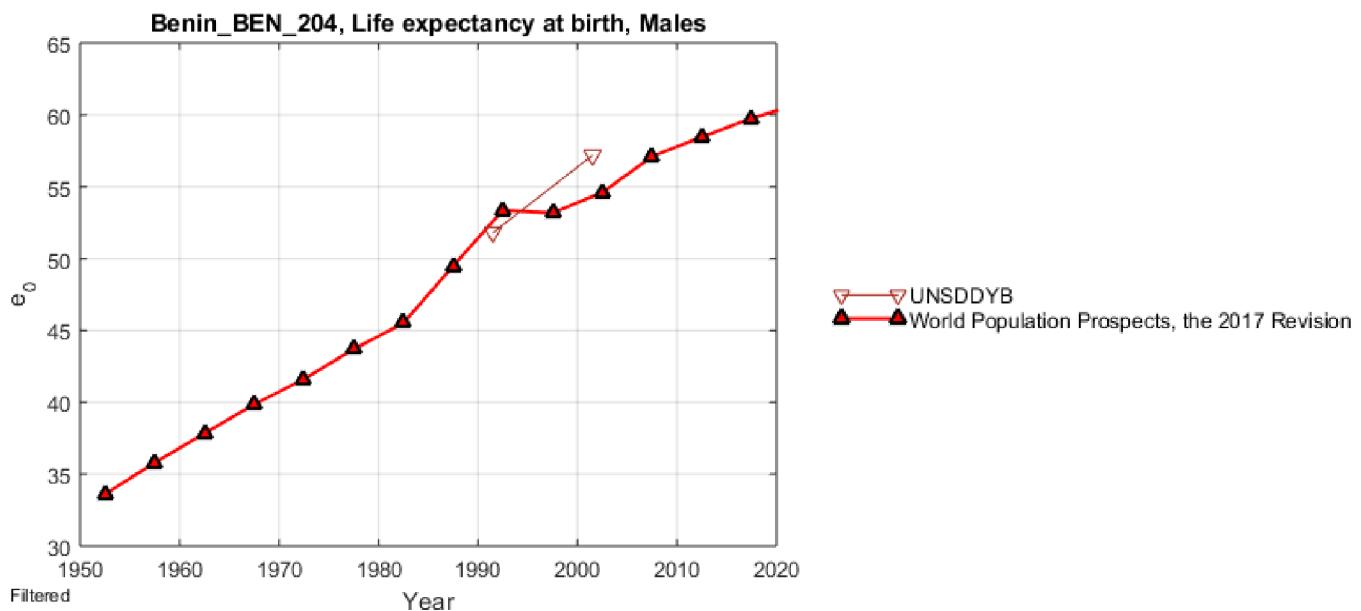


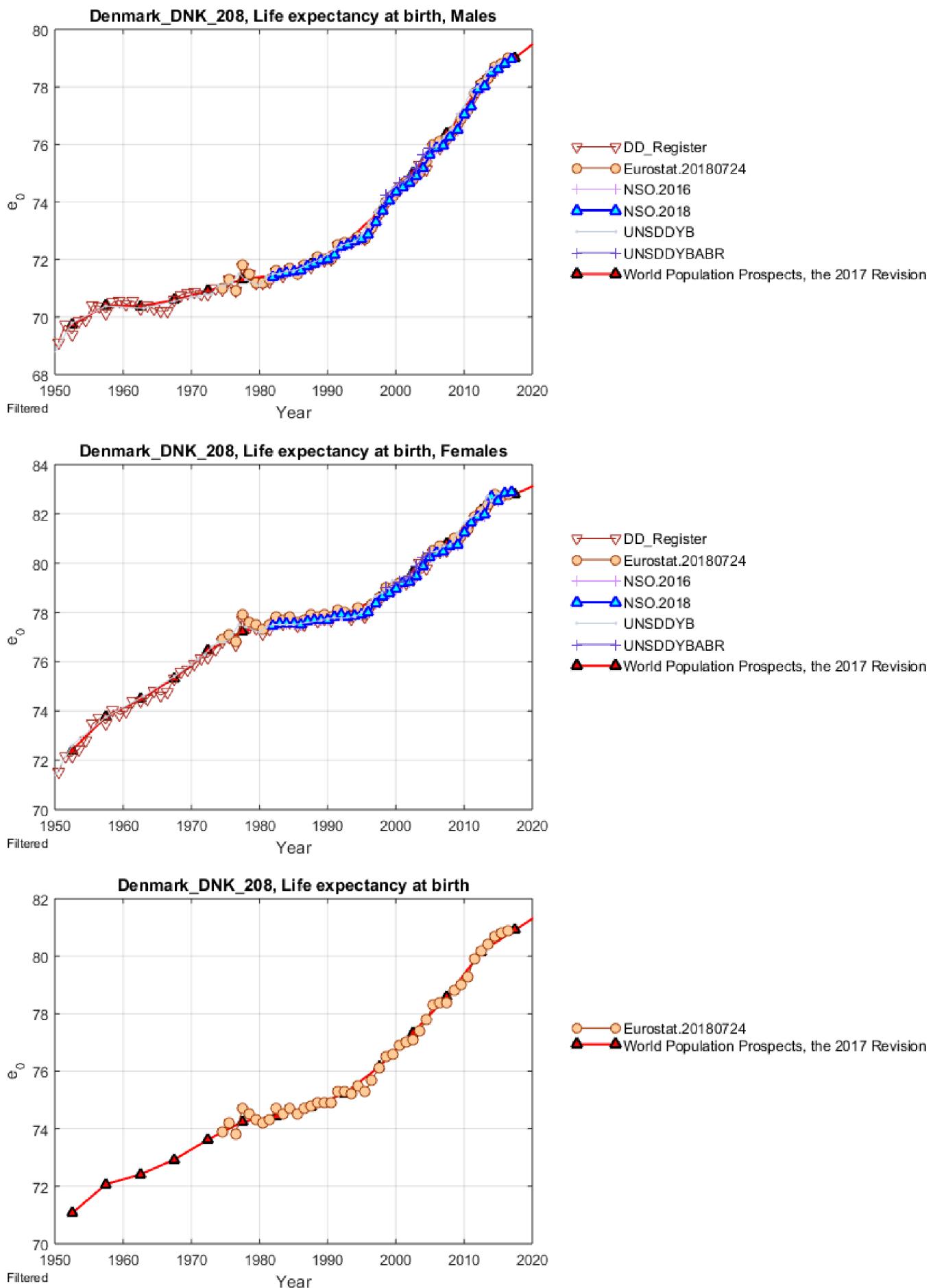
Czechia_CZE_203, Life expectancy at birth, Females

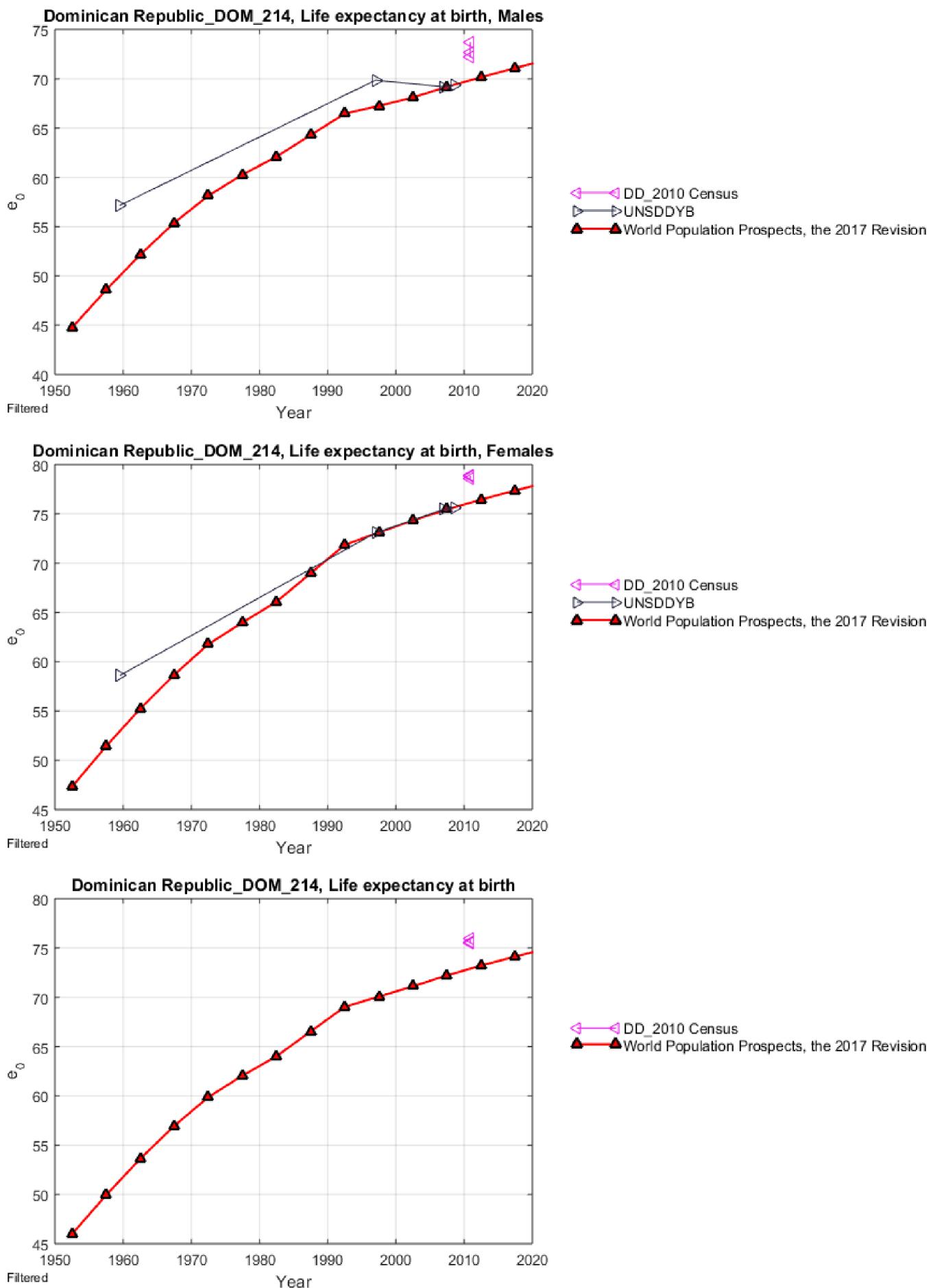


Czechia_CZE_203, Life expectancy at birth

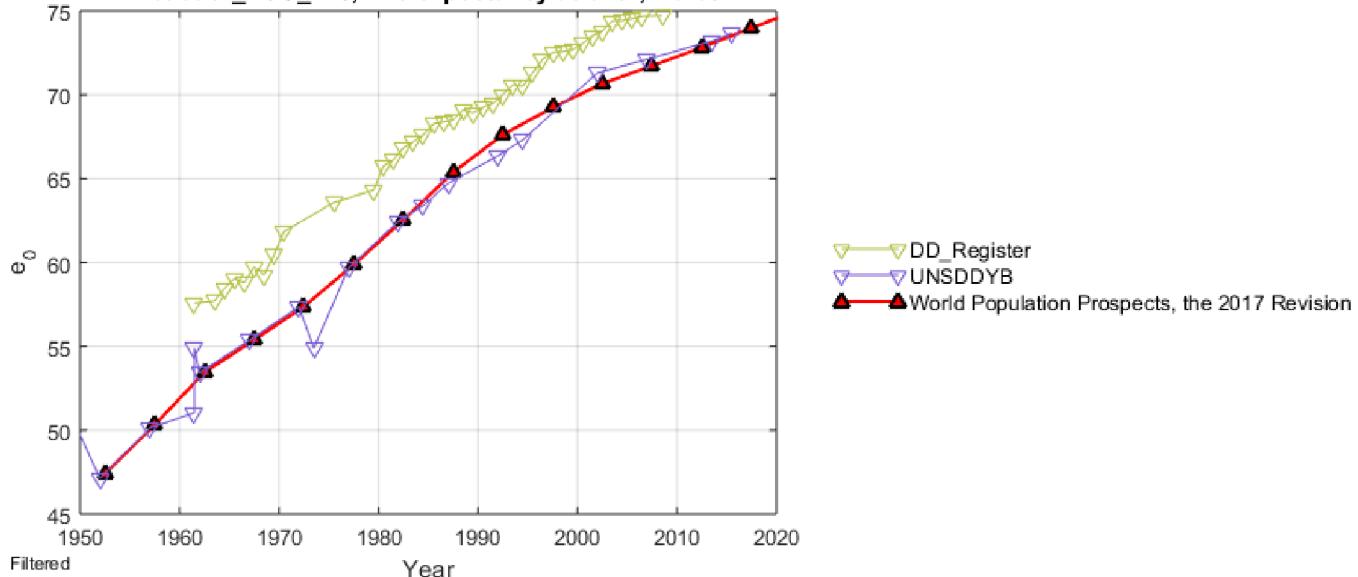




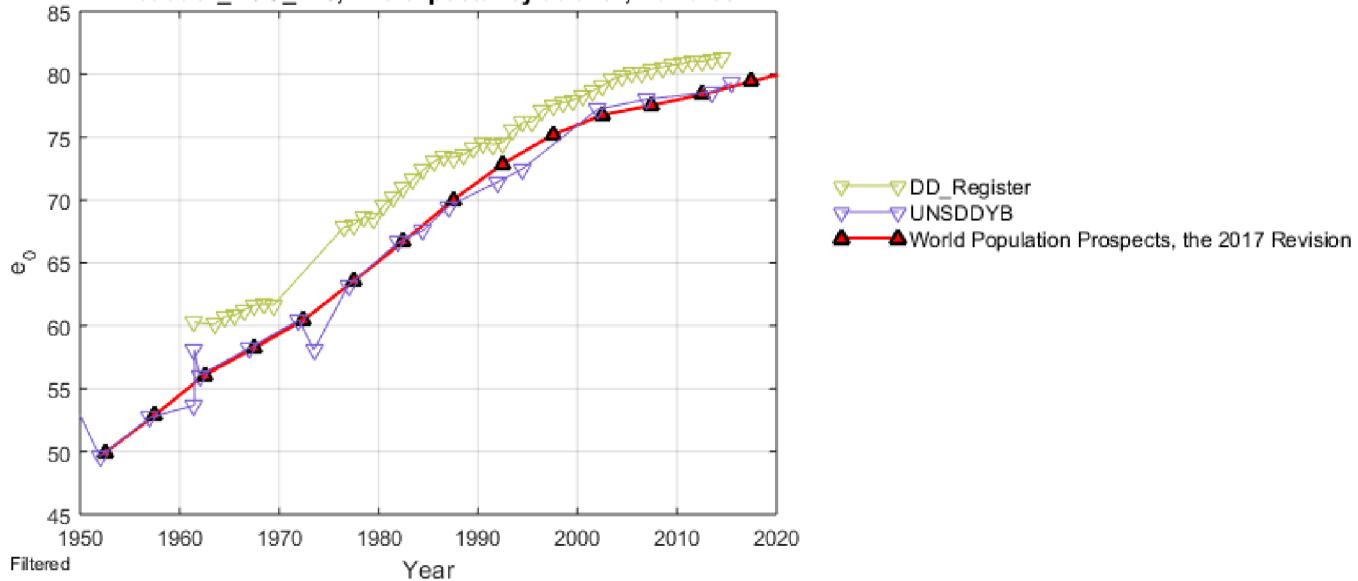




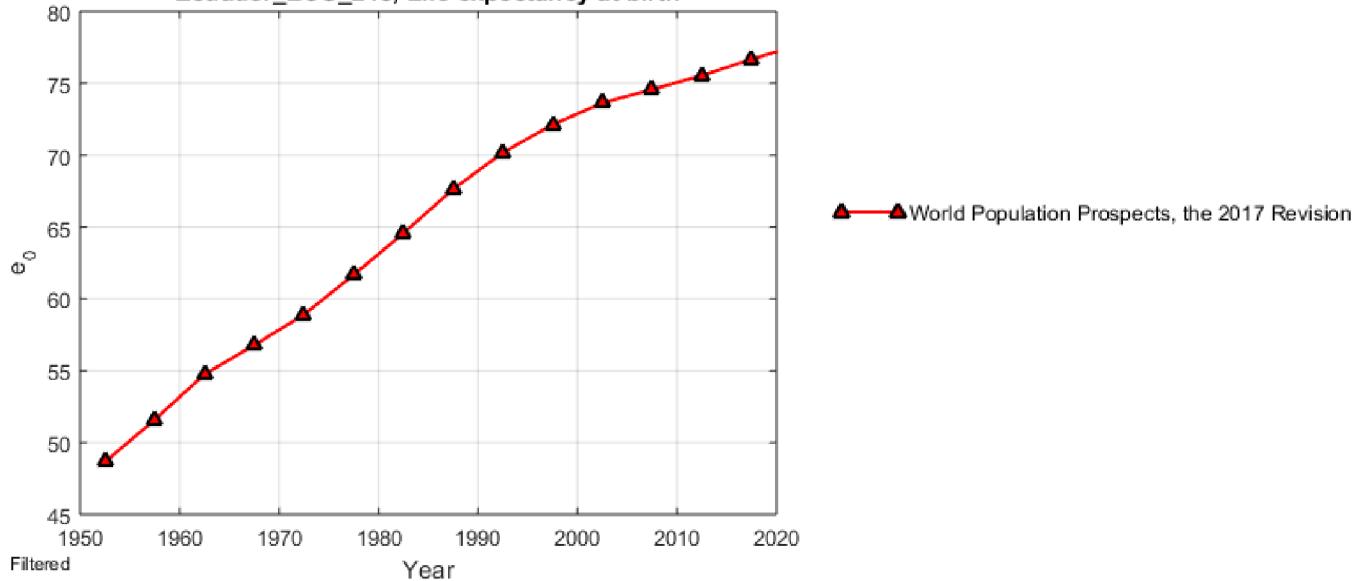
Ecuador_ECU_218, Life expectancy at birth, Males

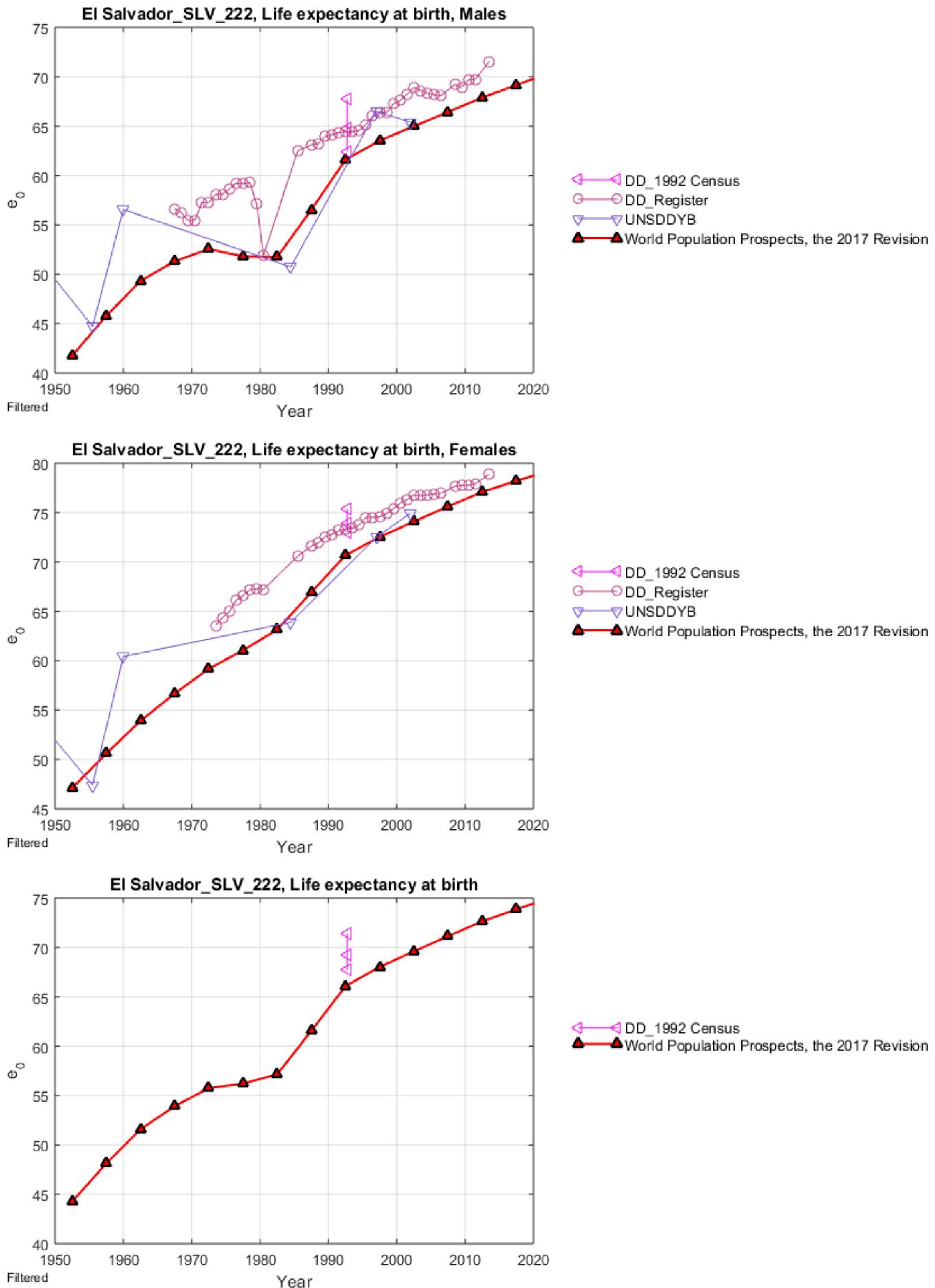


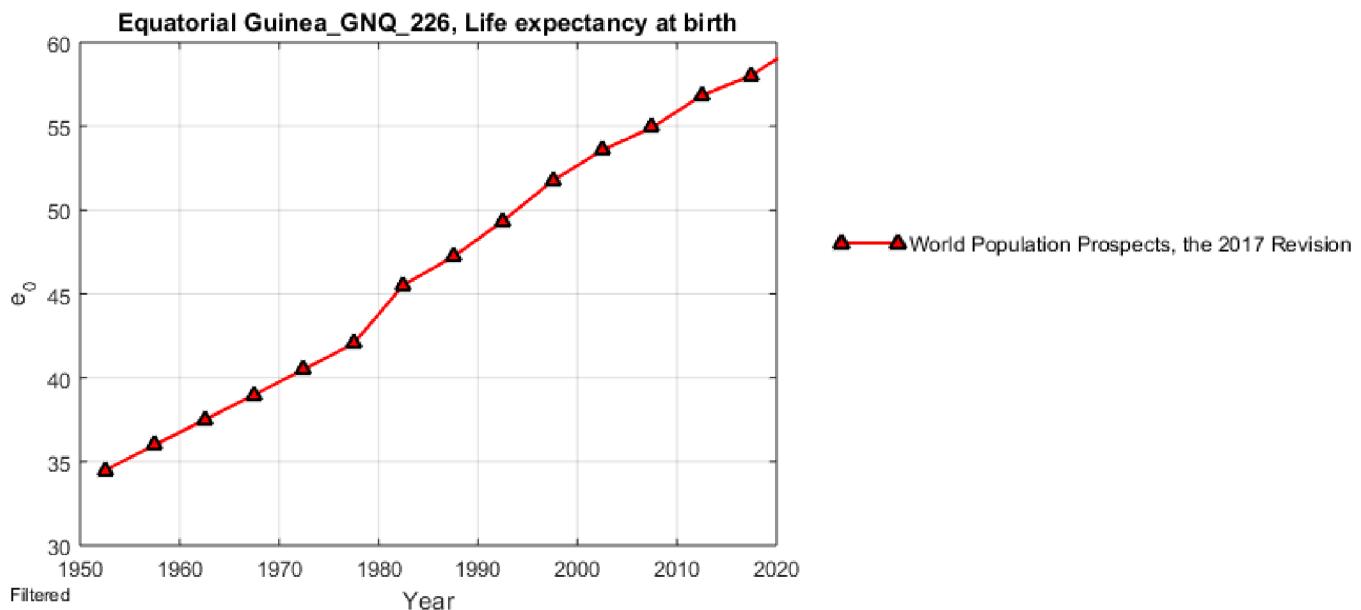
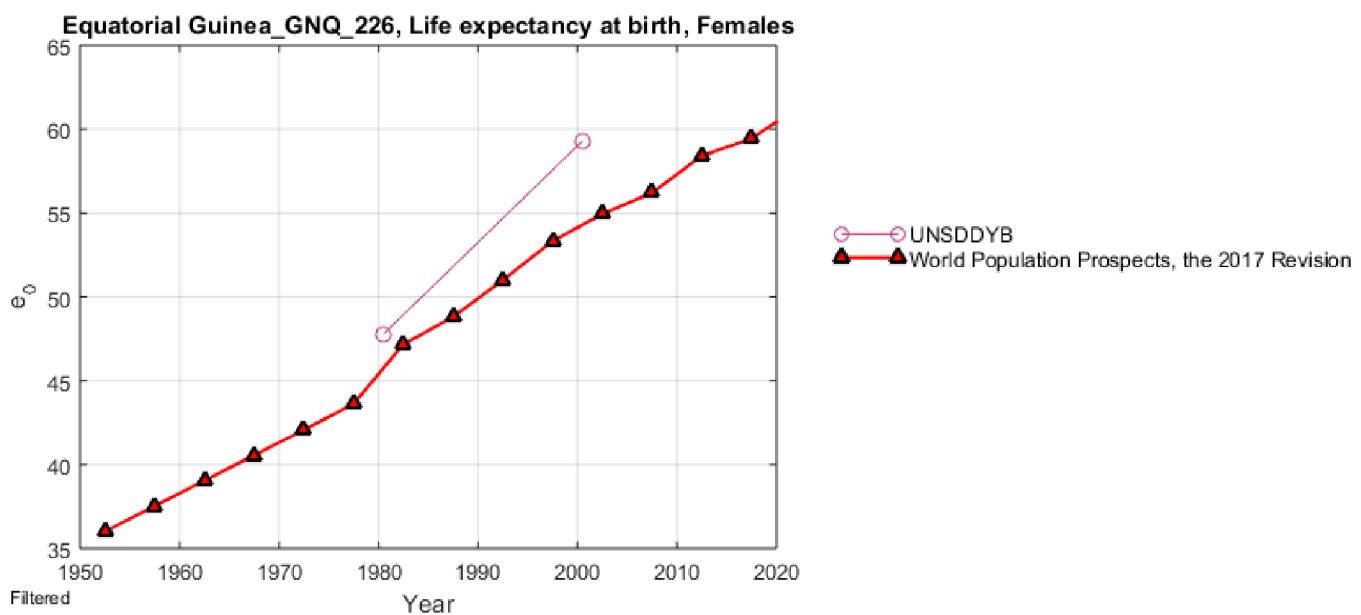
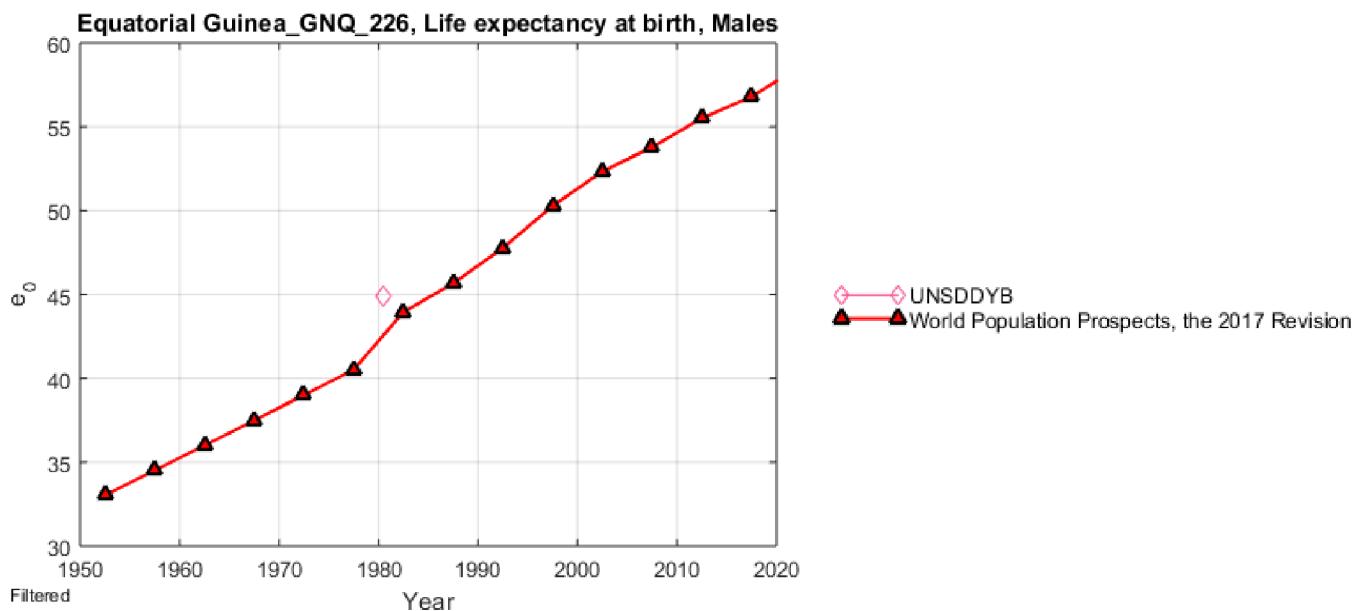
Ecuador_ECU_218, Life expectancy at birth, Females



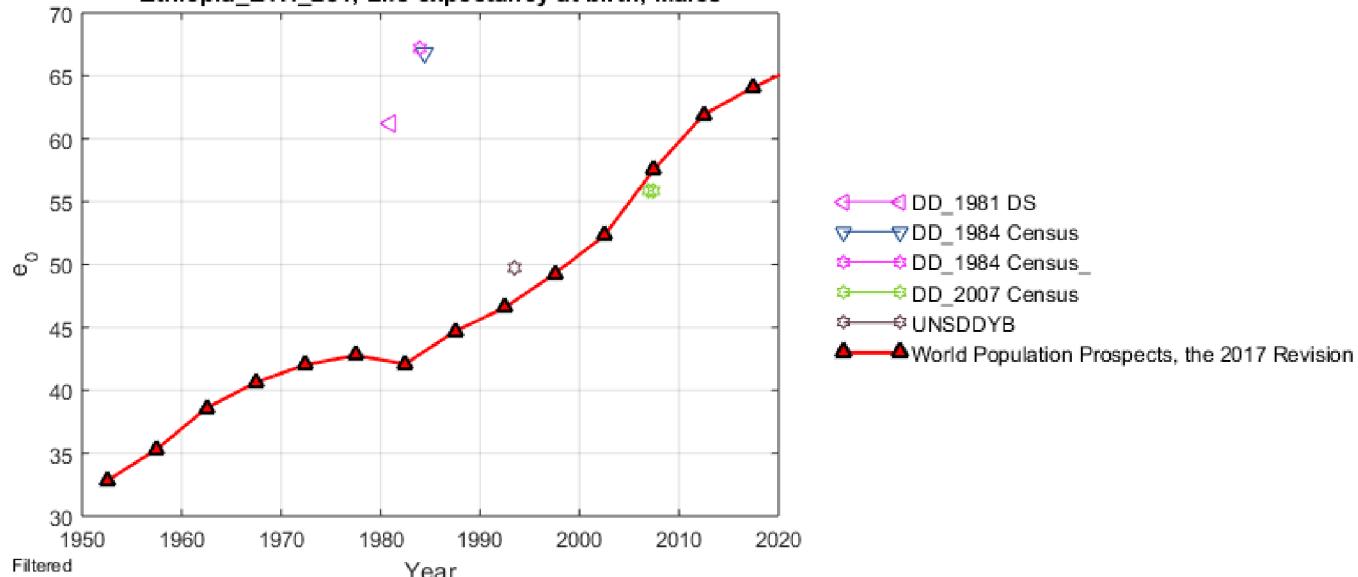
Ecuador_ECU_218, Life expectancy at birth



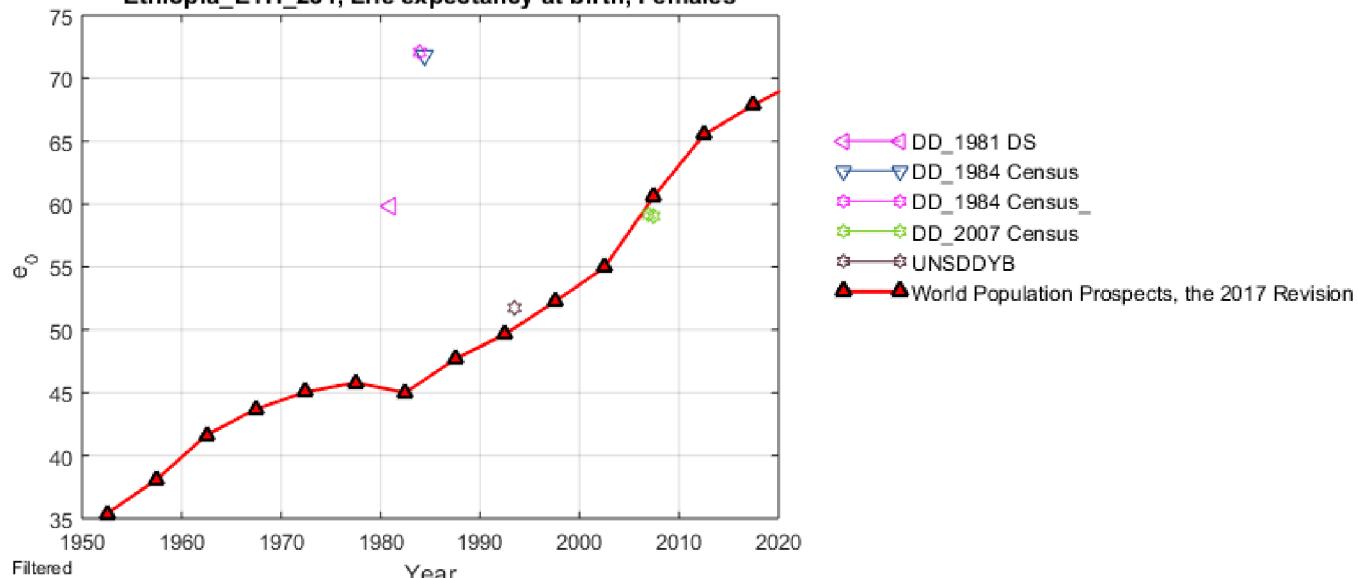




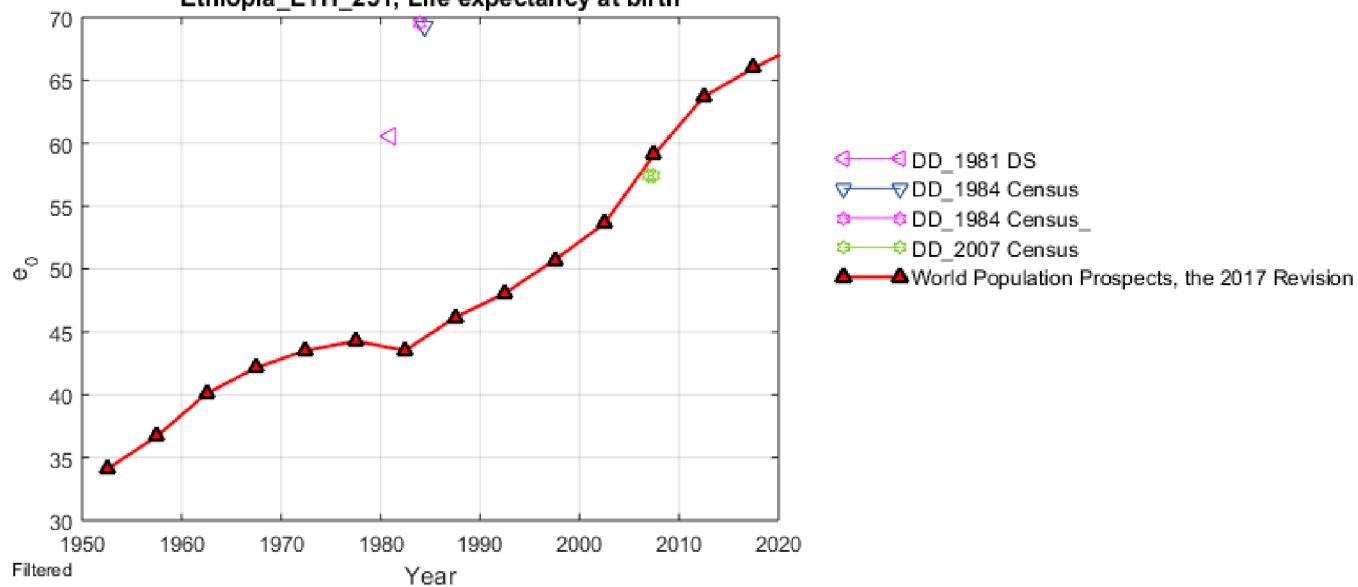
Ethiopia_ETH_231, Life expectancy at birth, Males

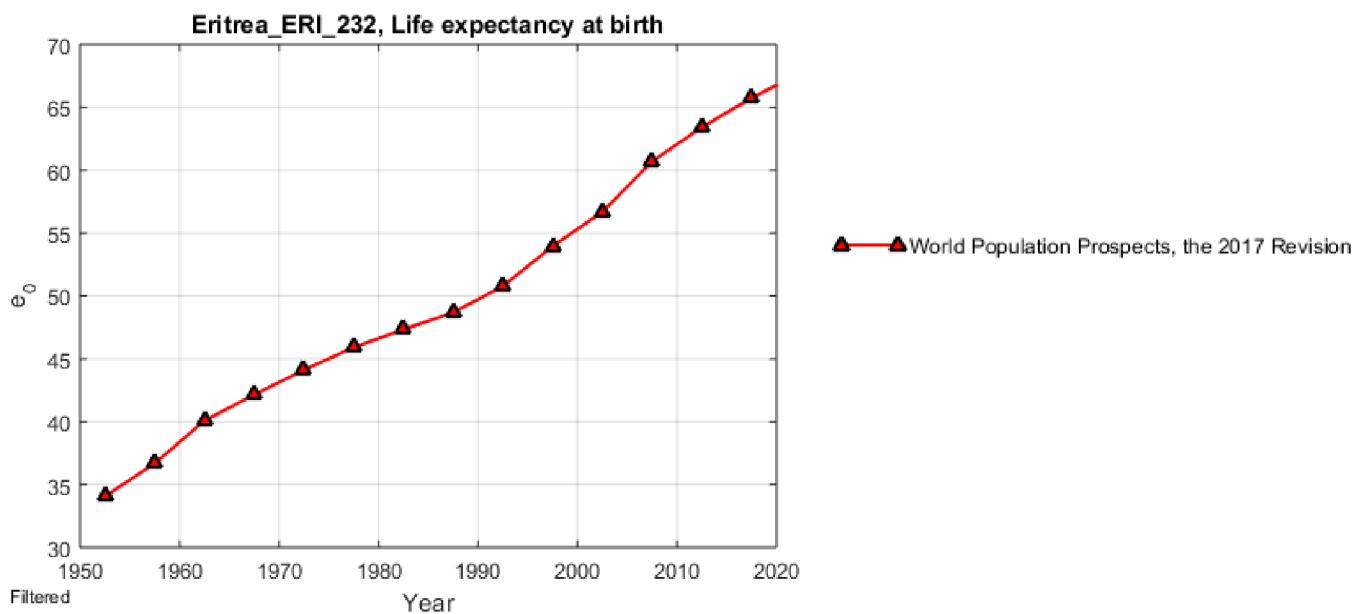
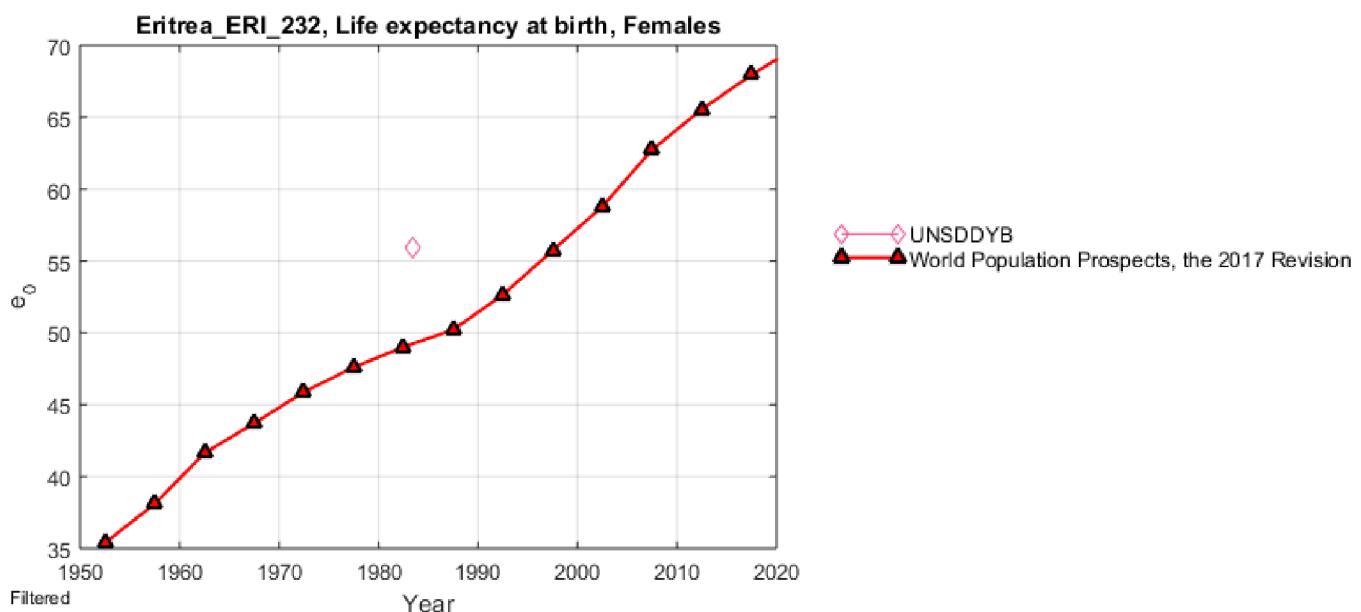
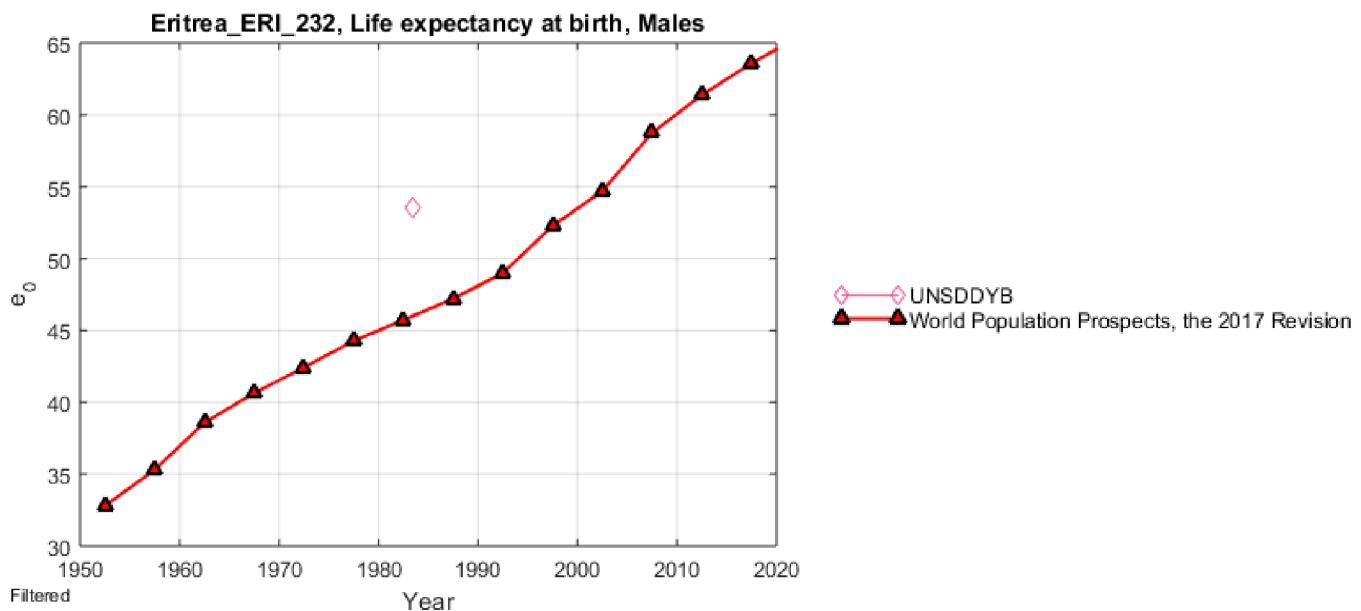


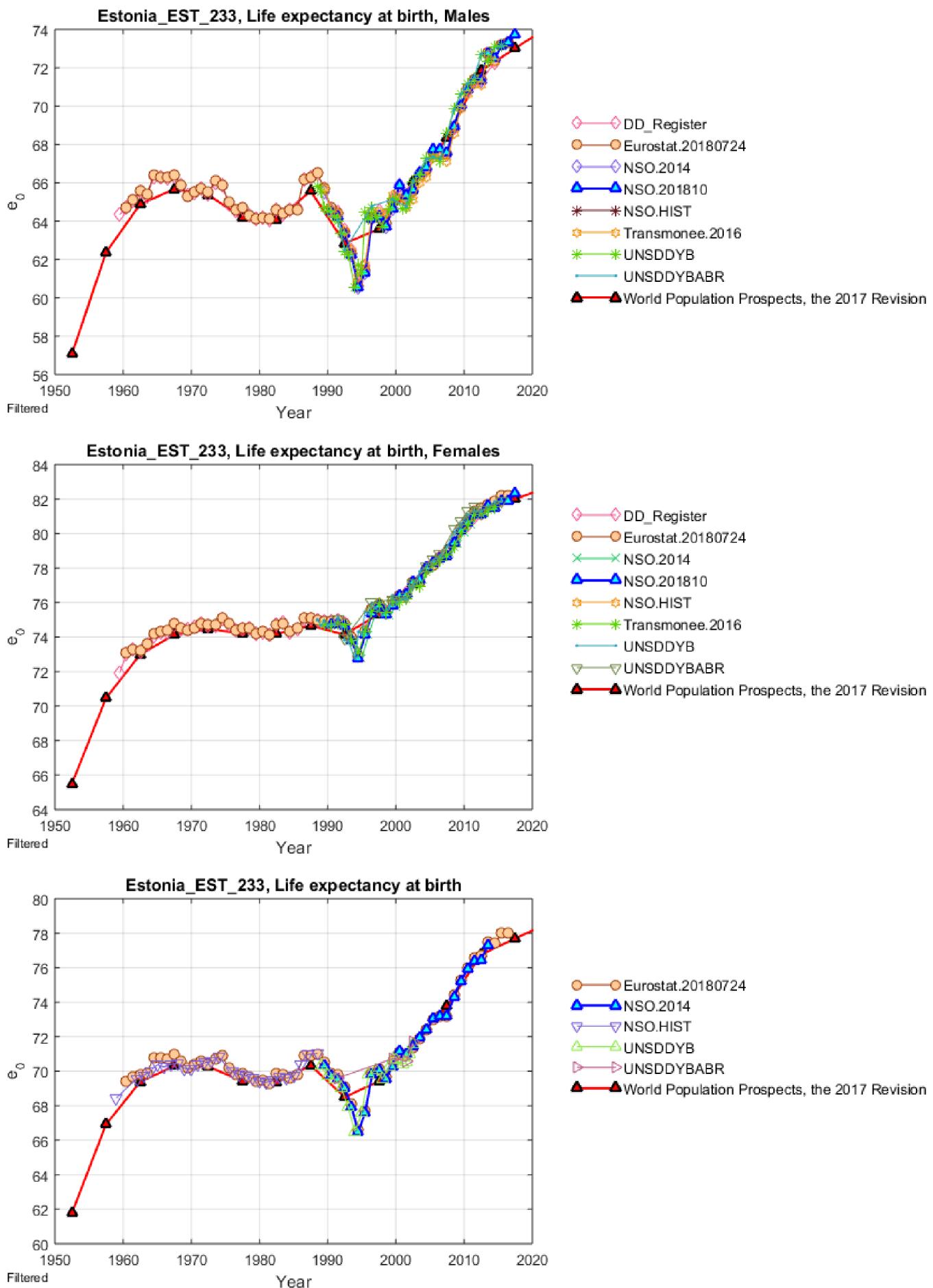
Ethiopia_ETH_231, Life expectancy at birth, Females

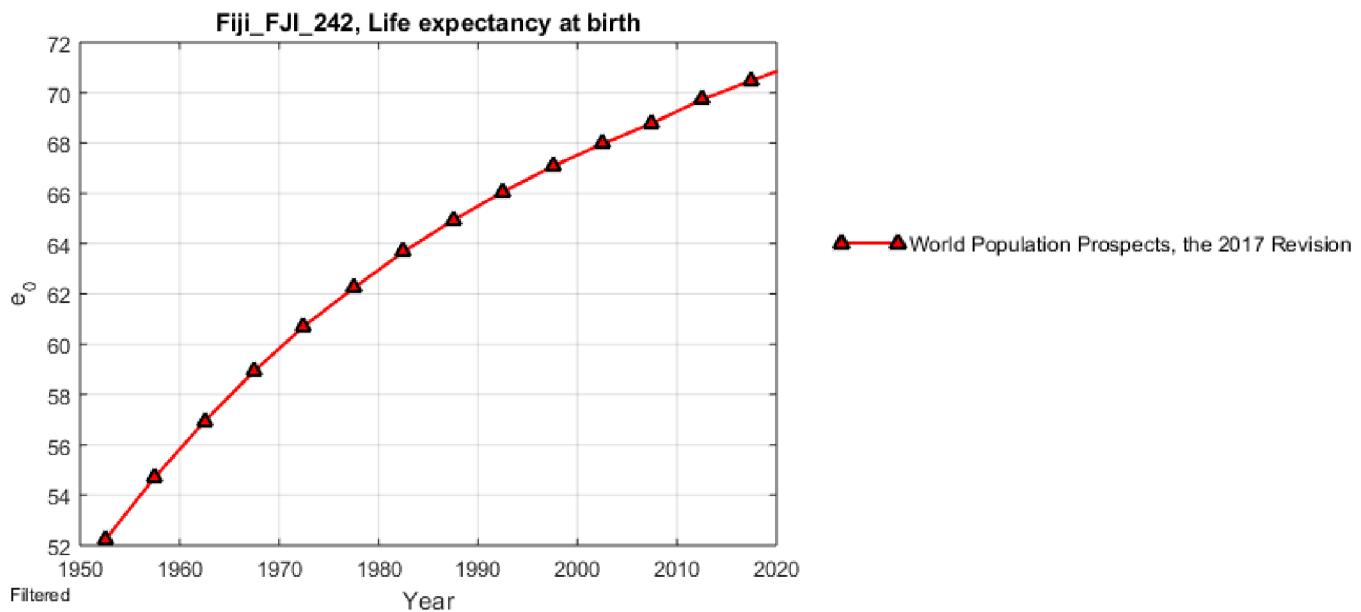
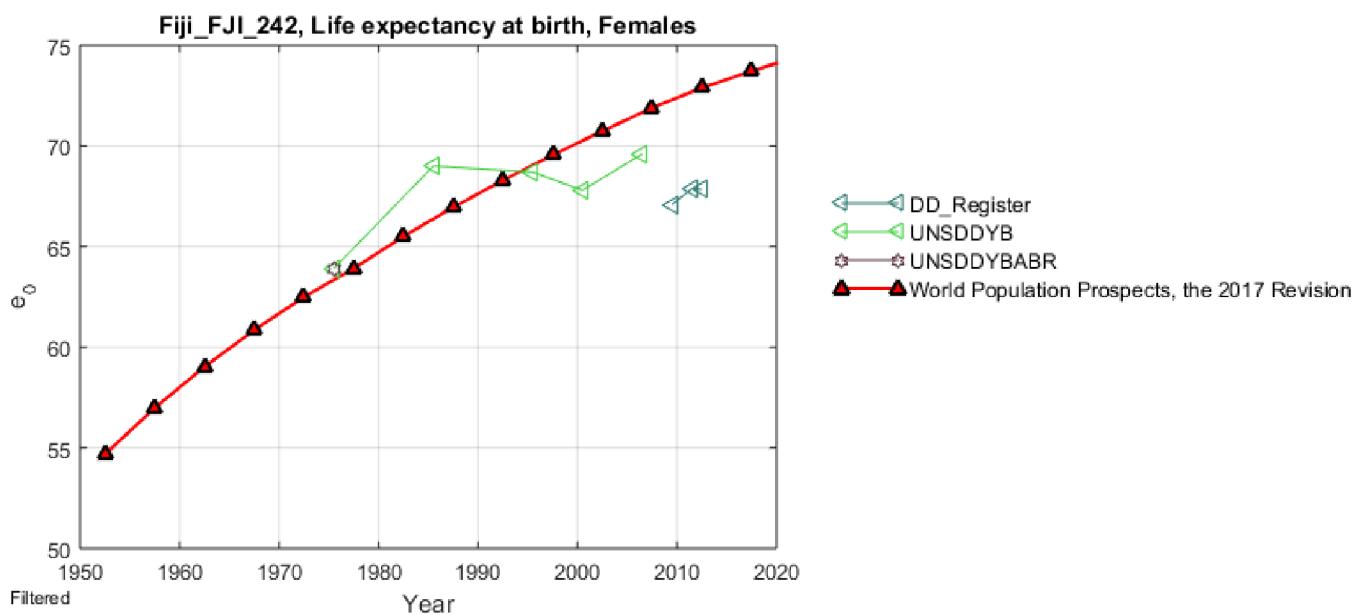
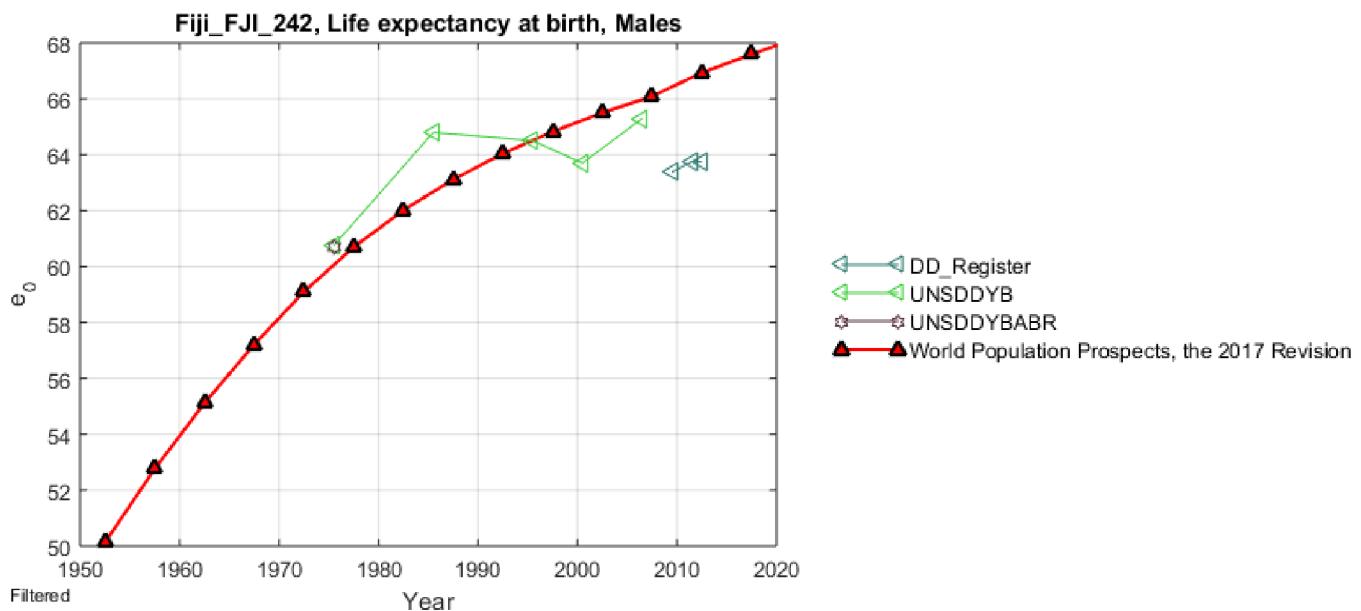


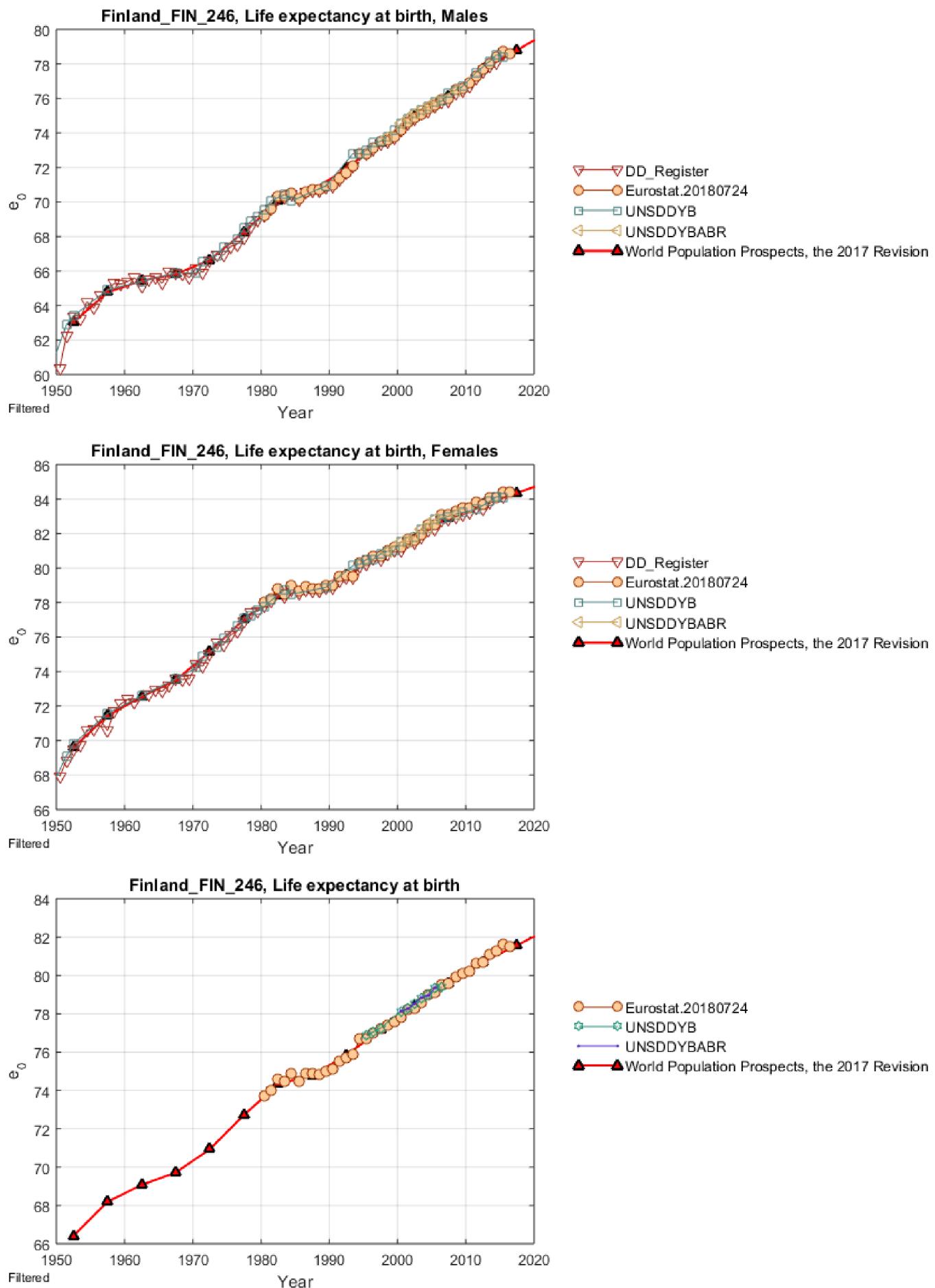
Ethiopia_ETH_231, Life expectancy at birth

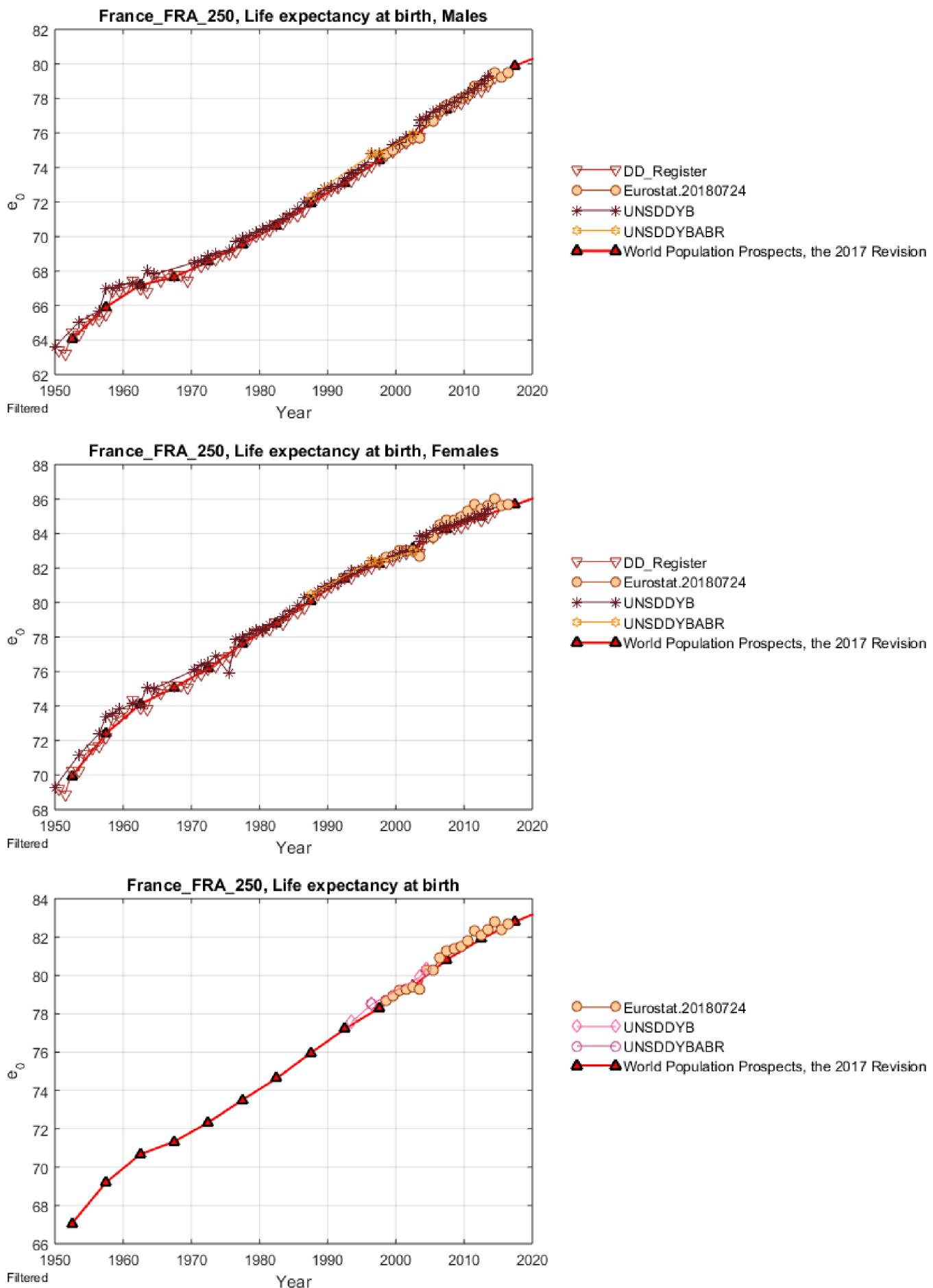


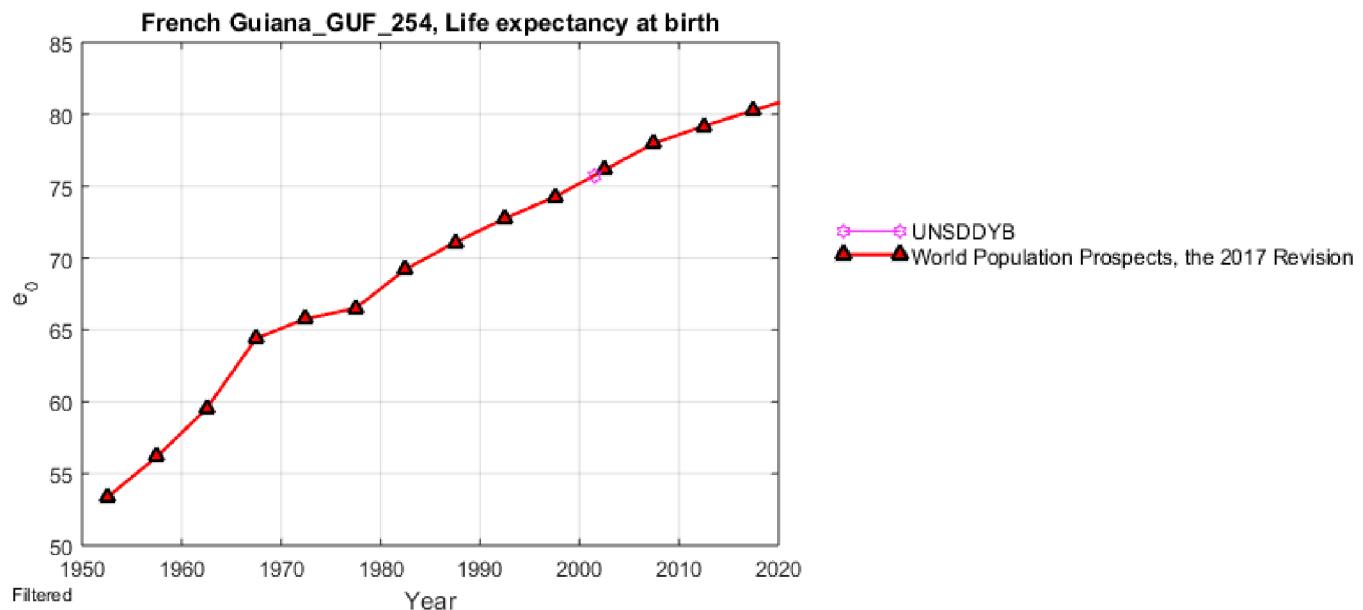
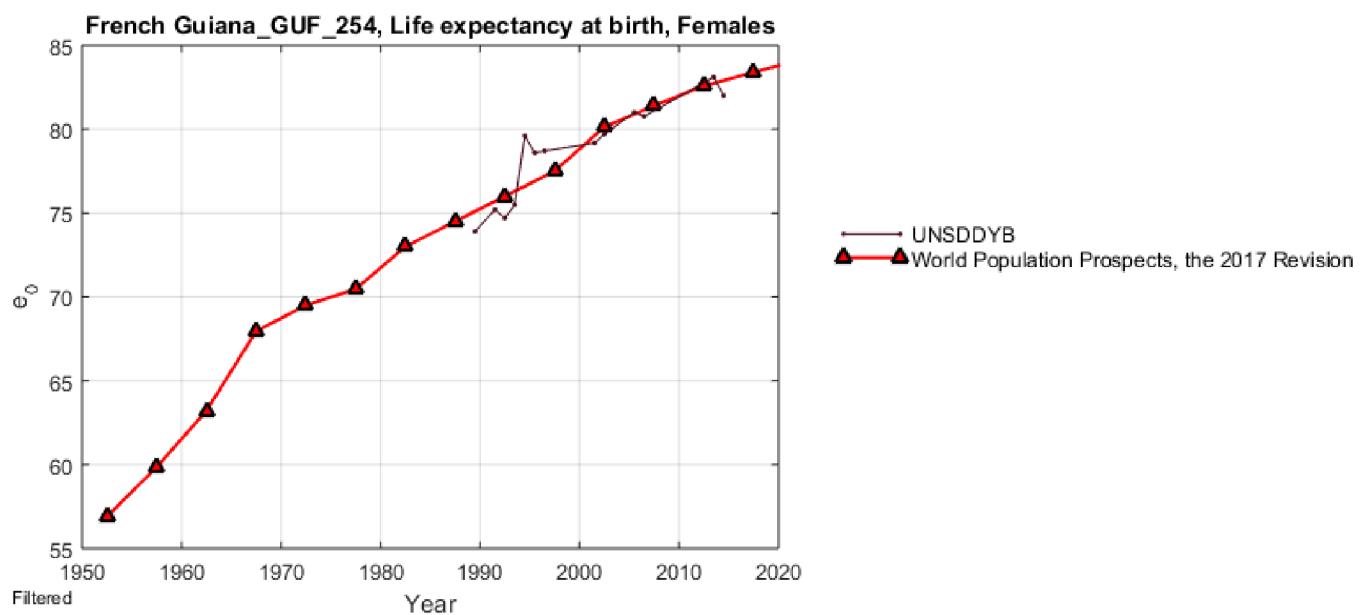
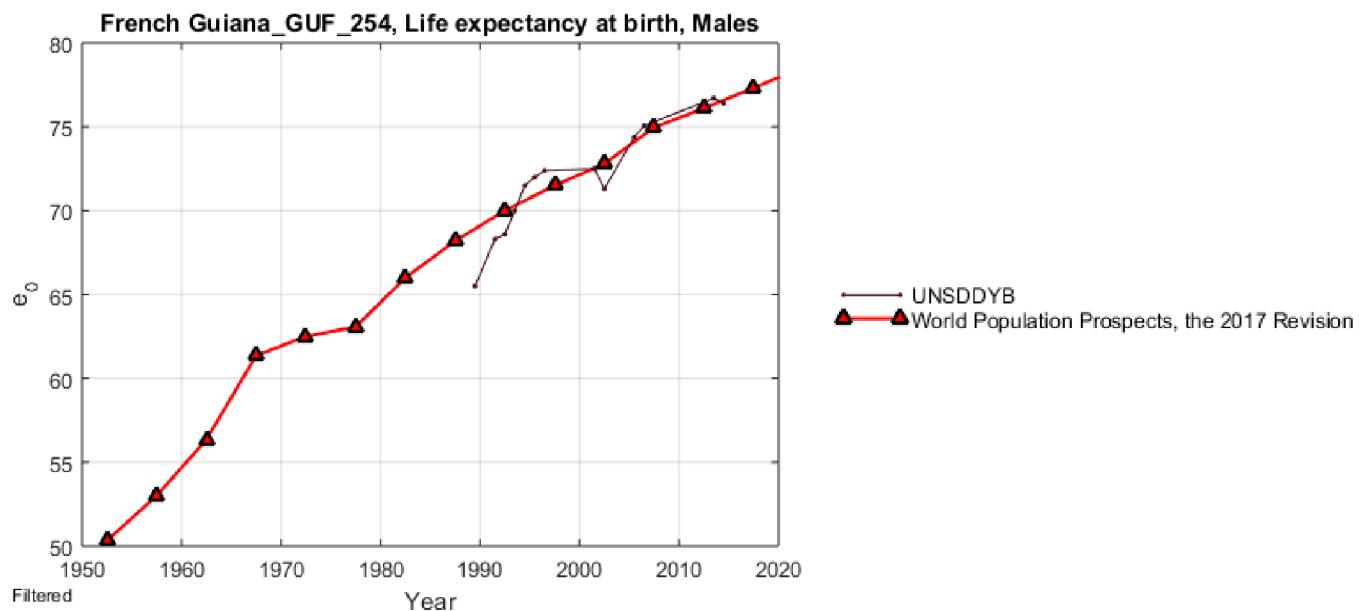


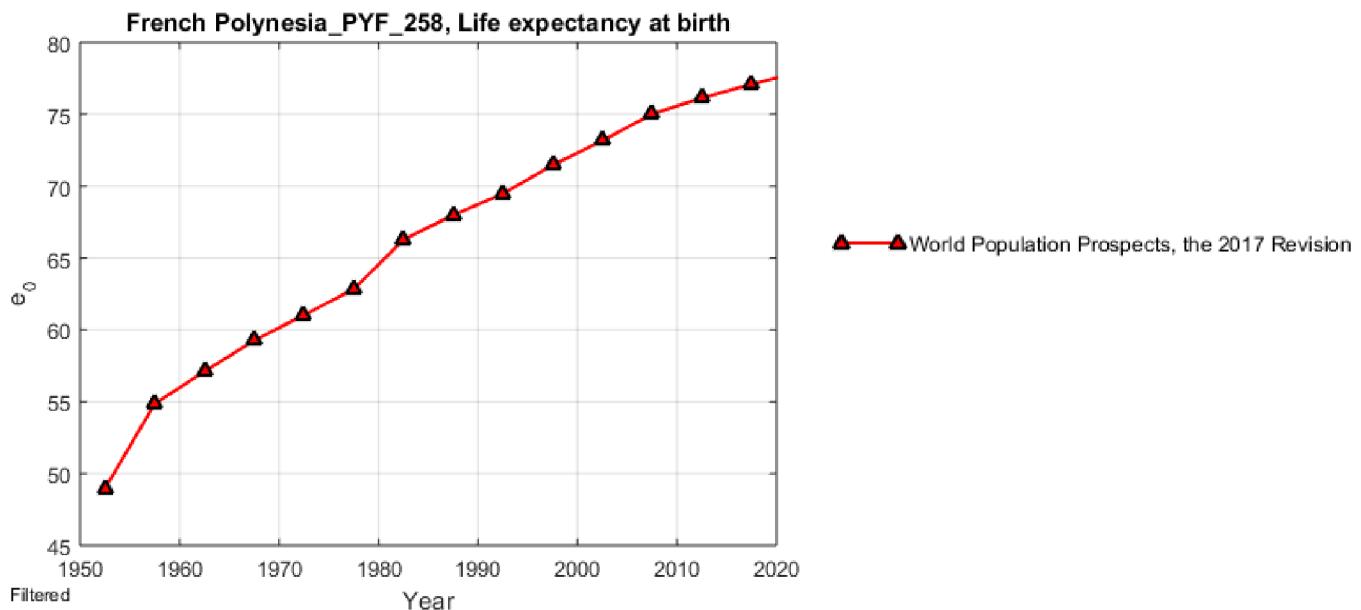
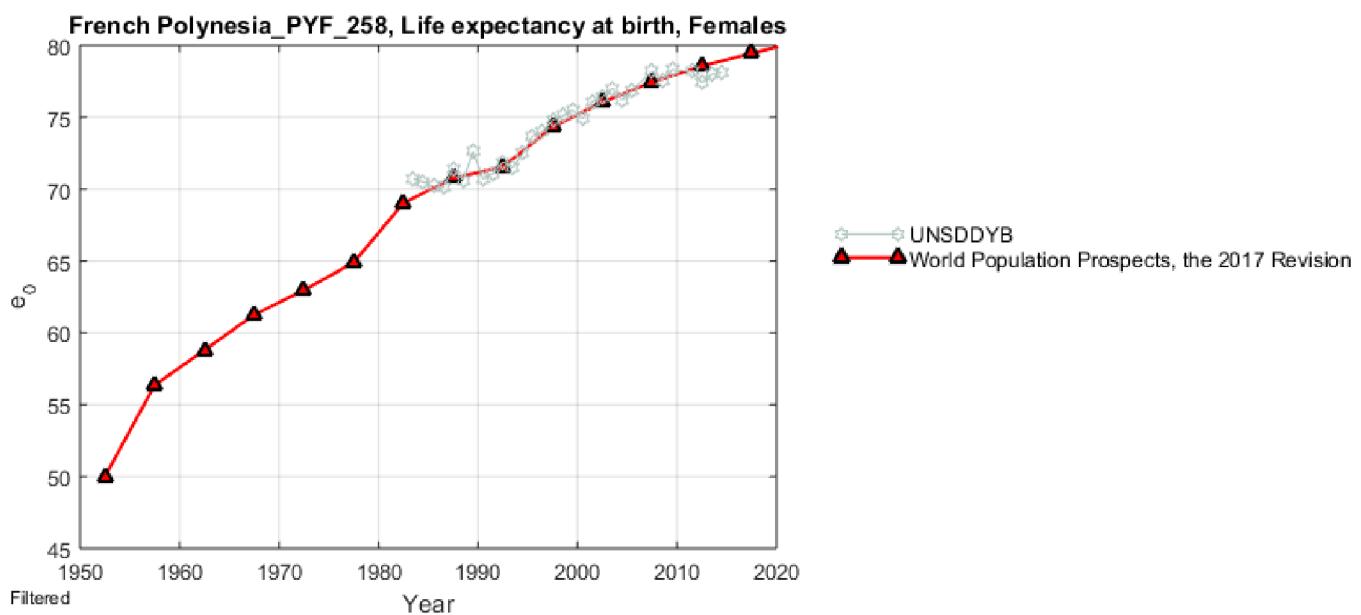
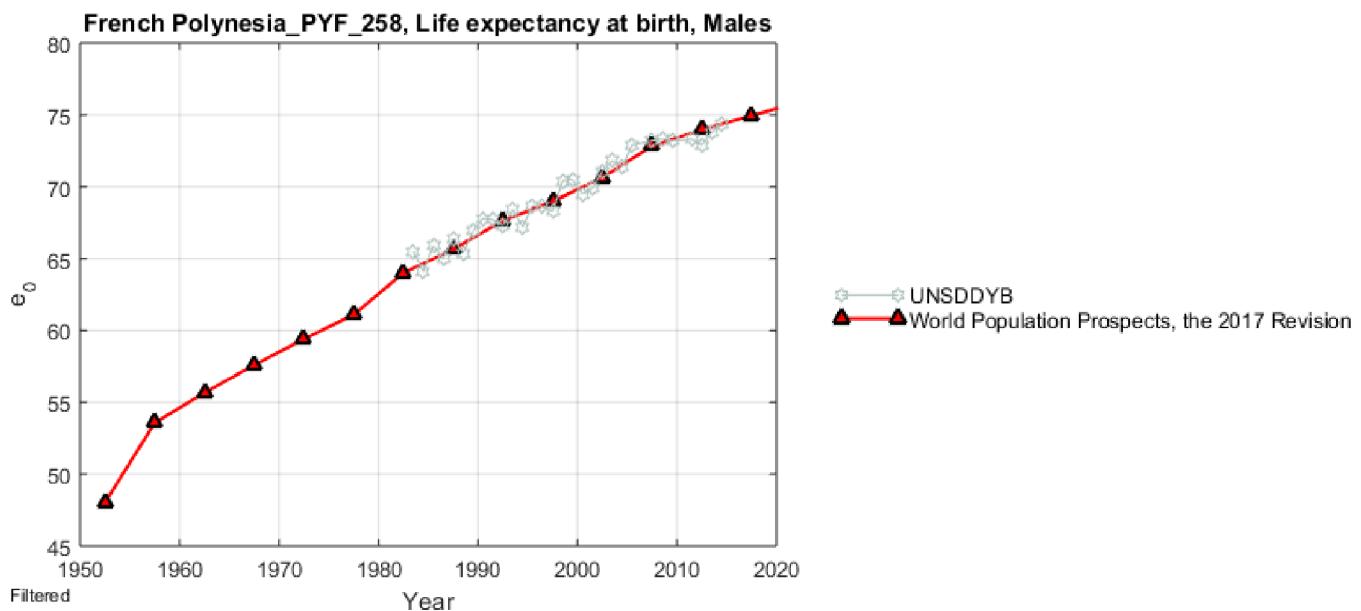


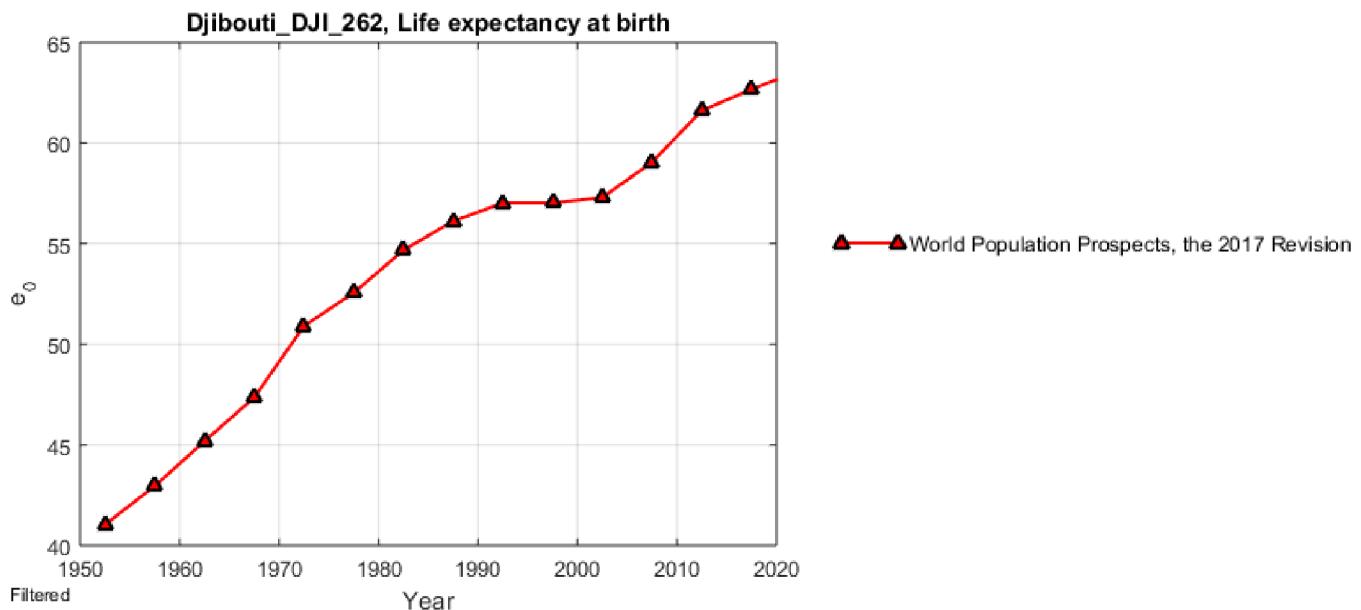
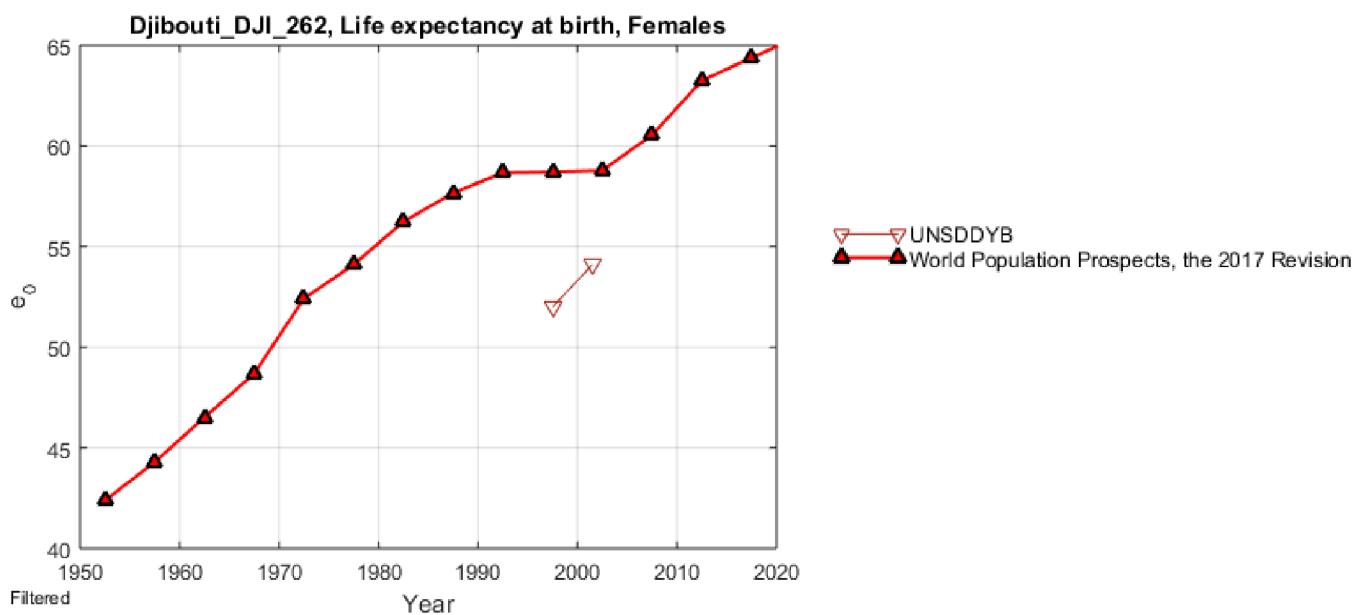
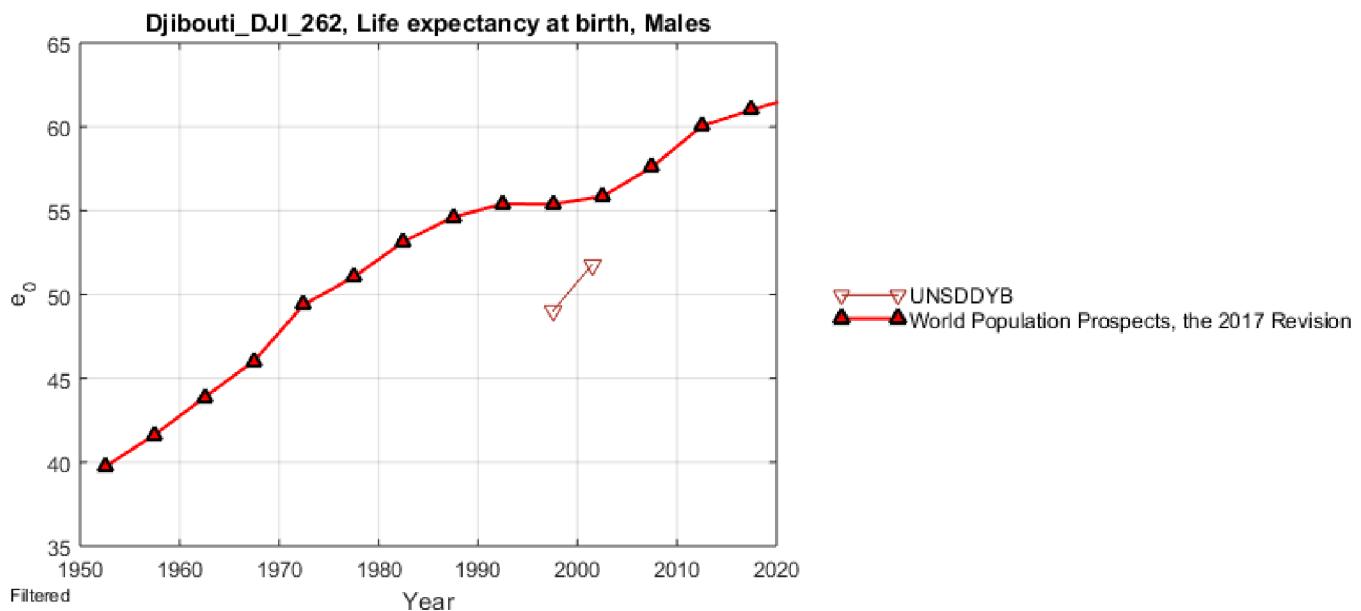




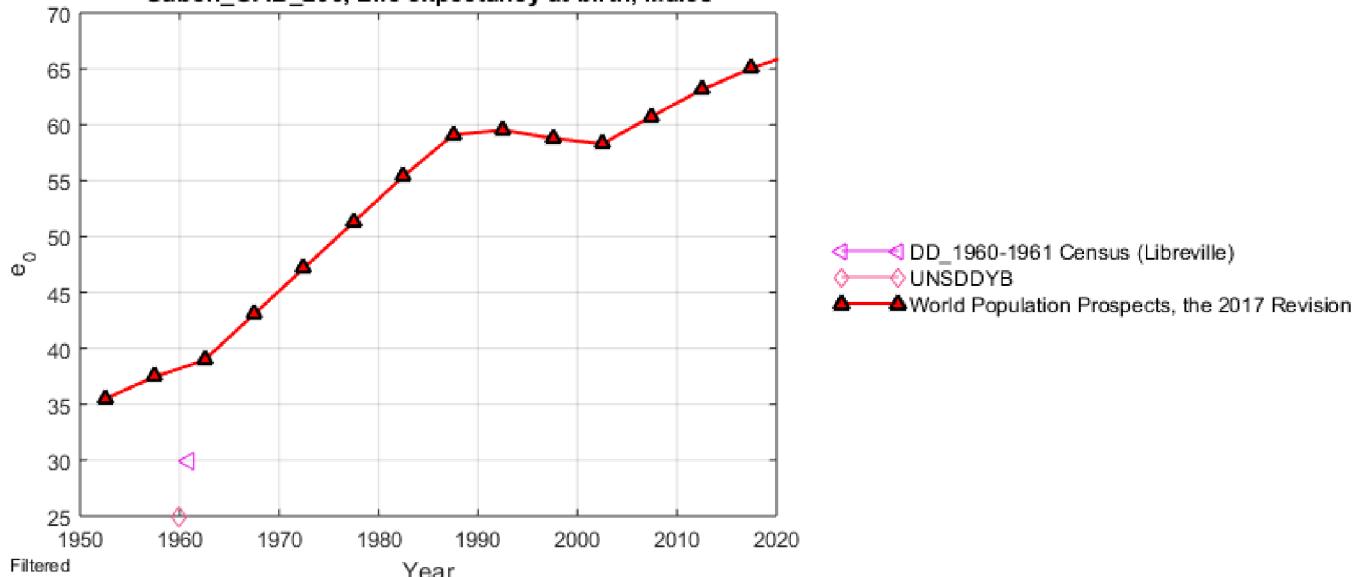




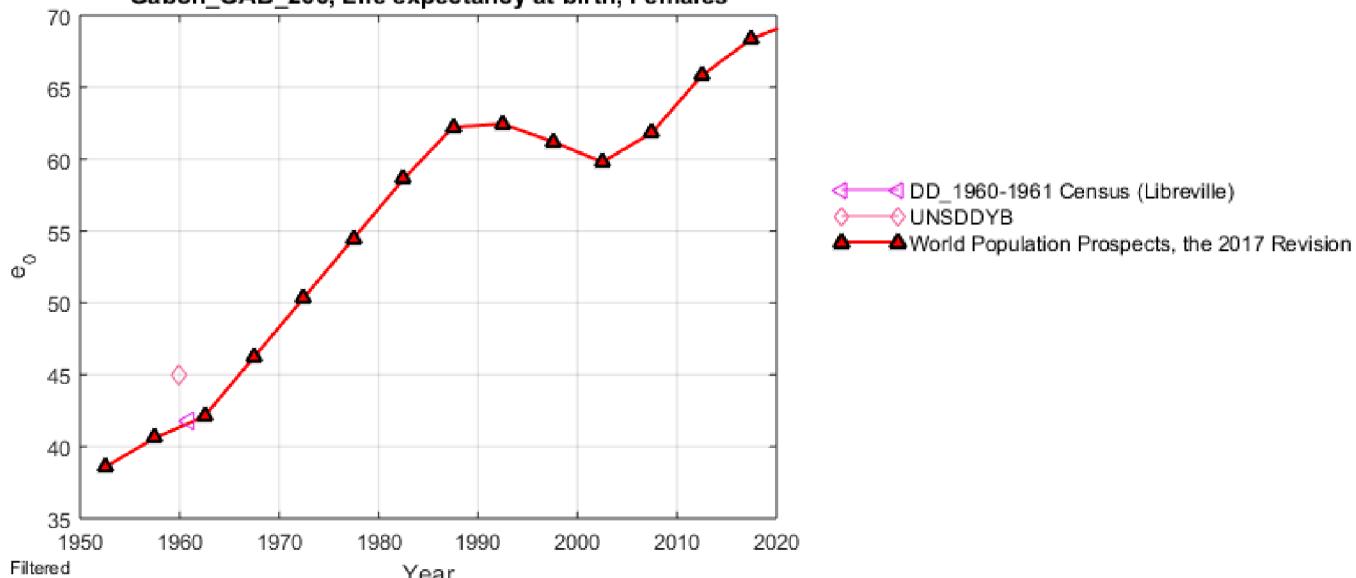




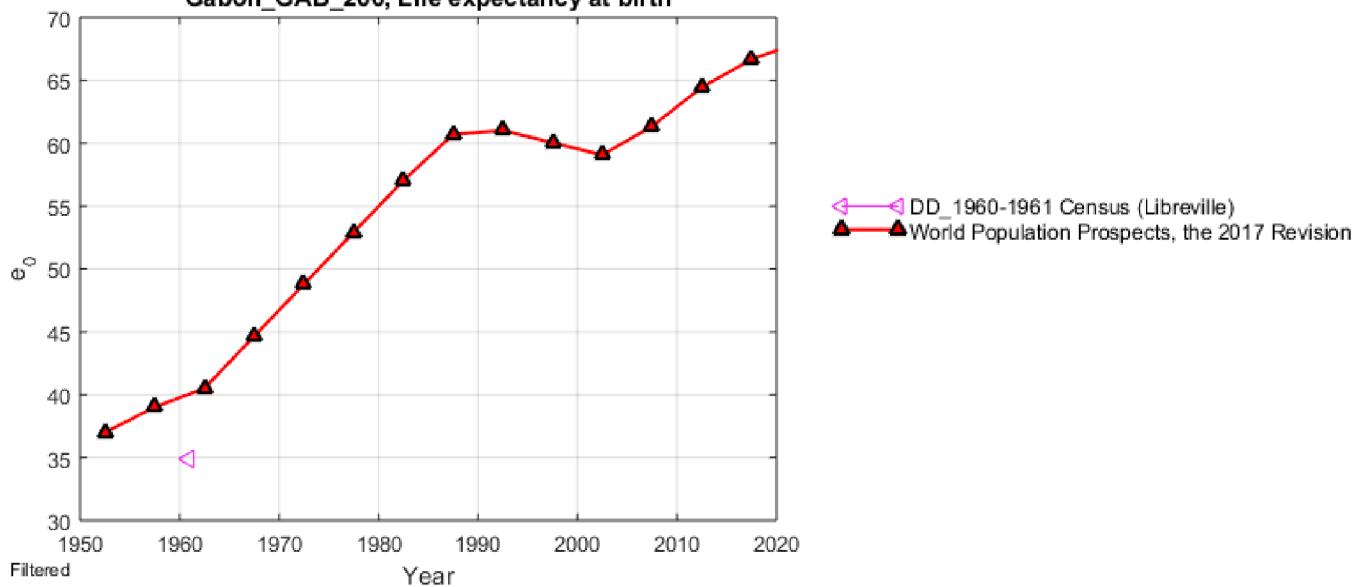
Gabon_GAB_266, Life expectancy at birth, Males



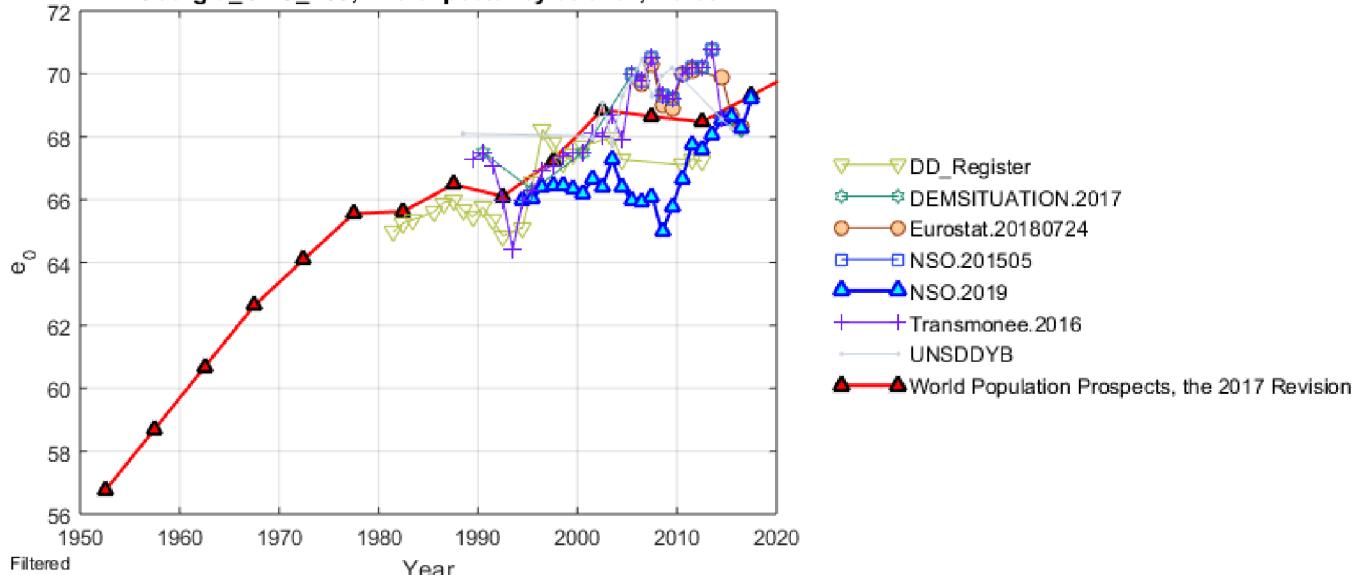
Gabon_GAB_266, Life expectancy at birth, Females



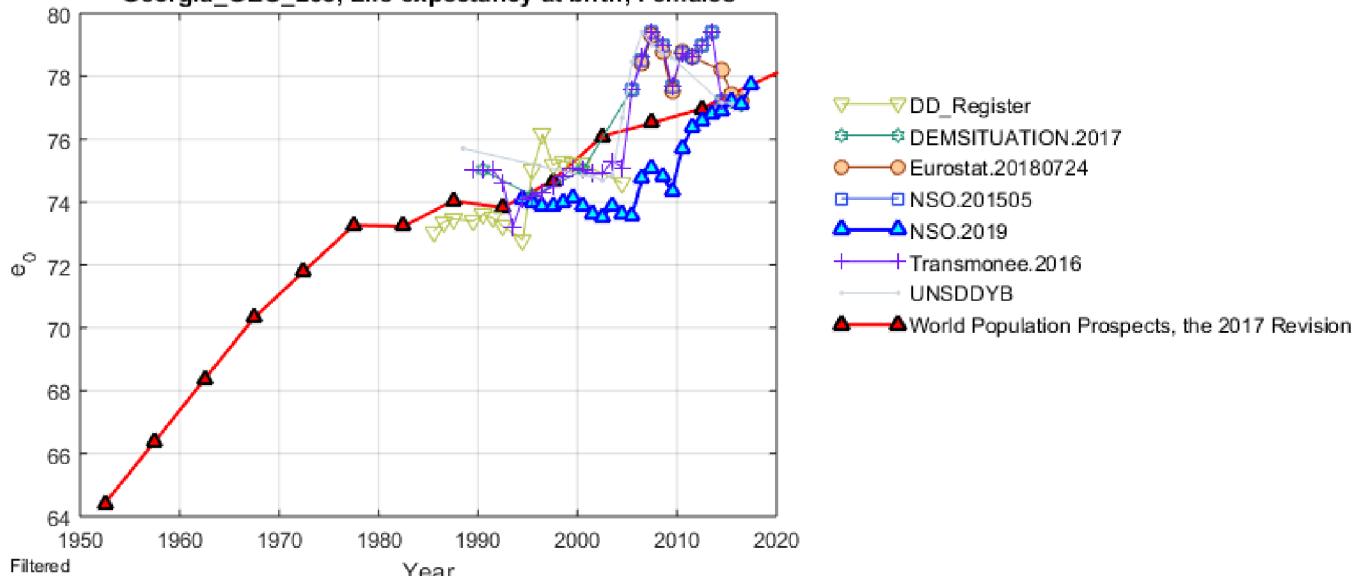
Gabon_GAB_266, Life expectancy at birth



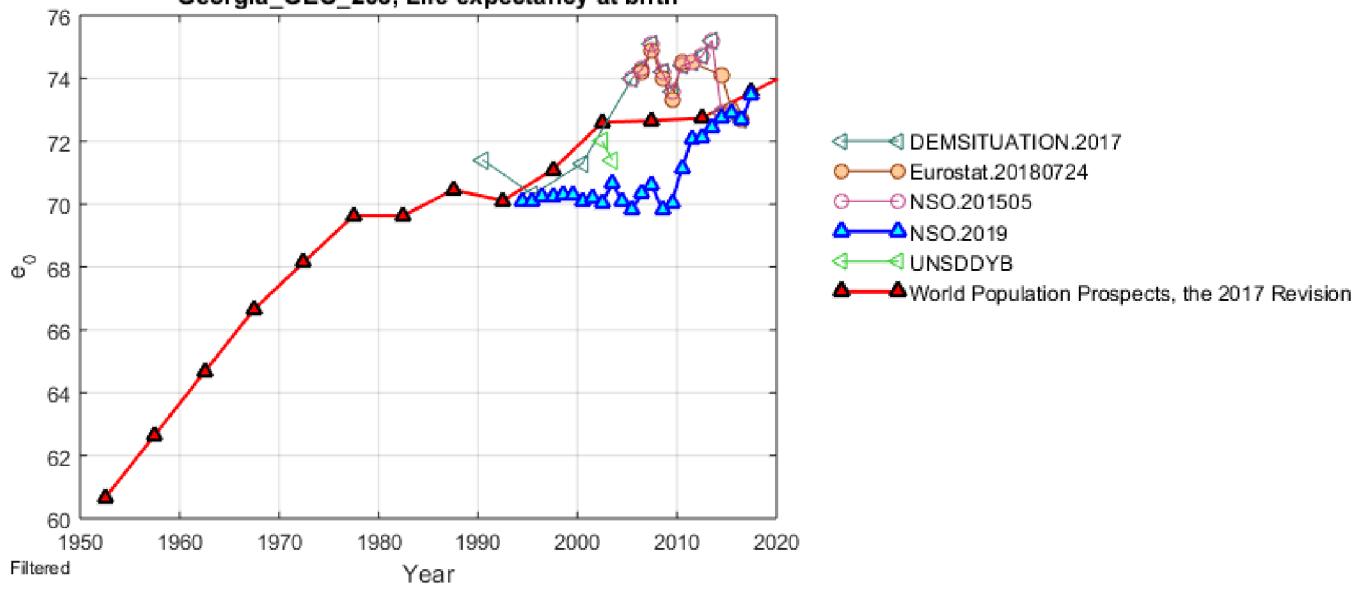
Georgia_GEO_268, Life expectancy at birth, Males



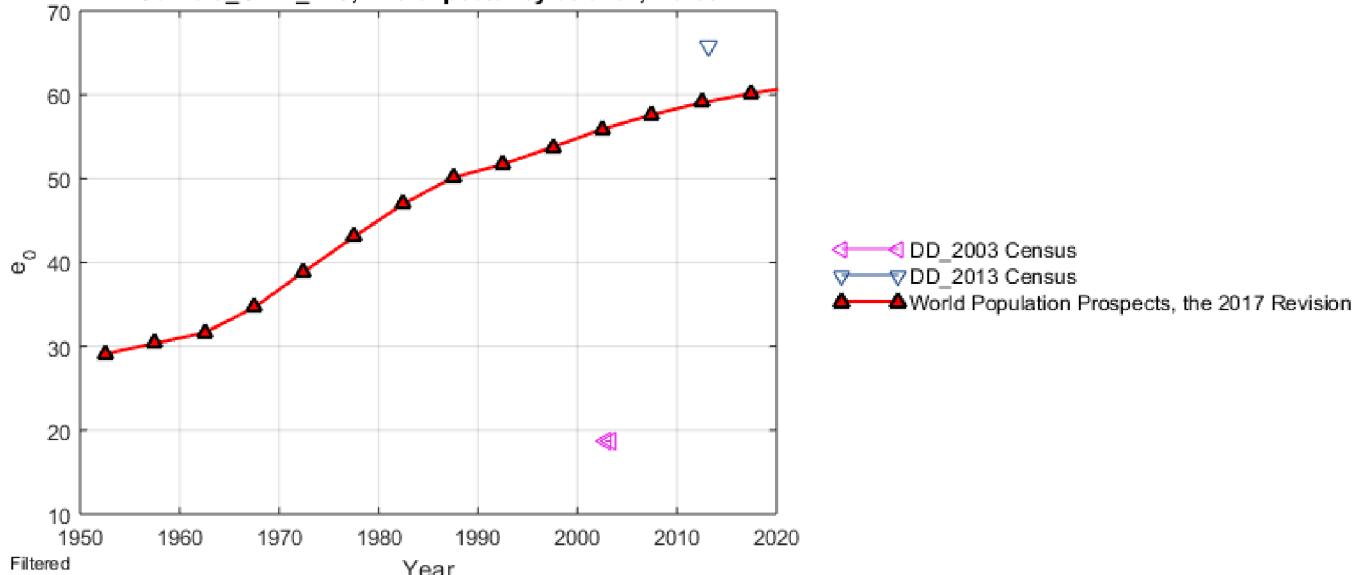
Georgia_GEO_268, Life expectancy at birth, Females



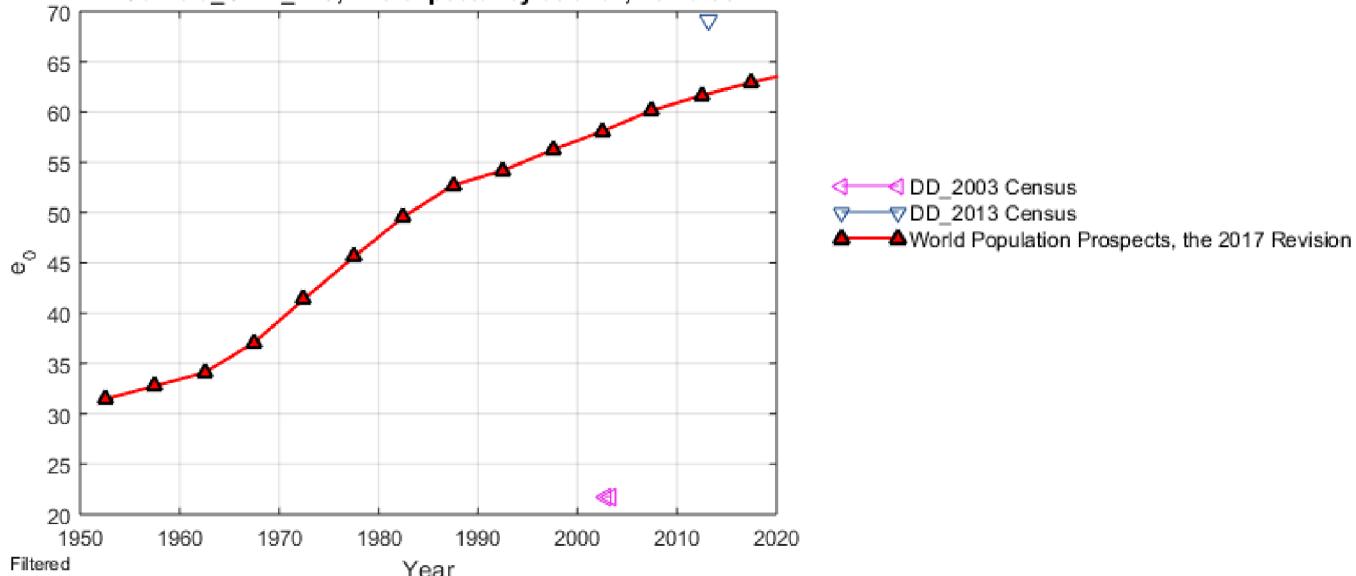
Georgia_GEO_268, Life expectancy at birth



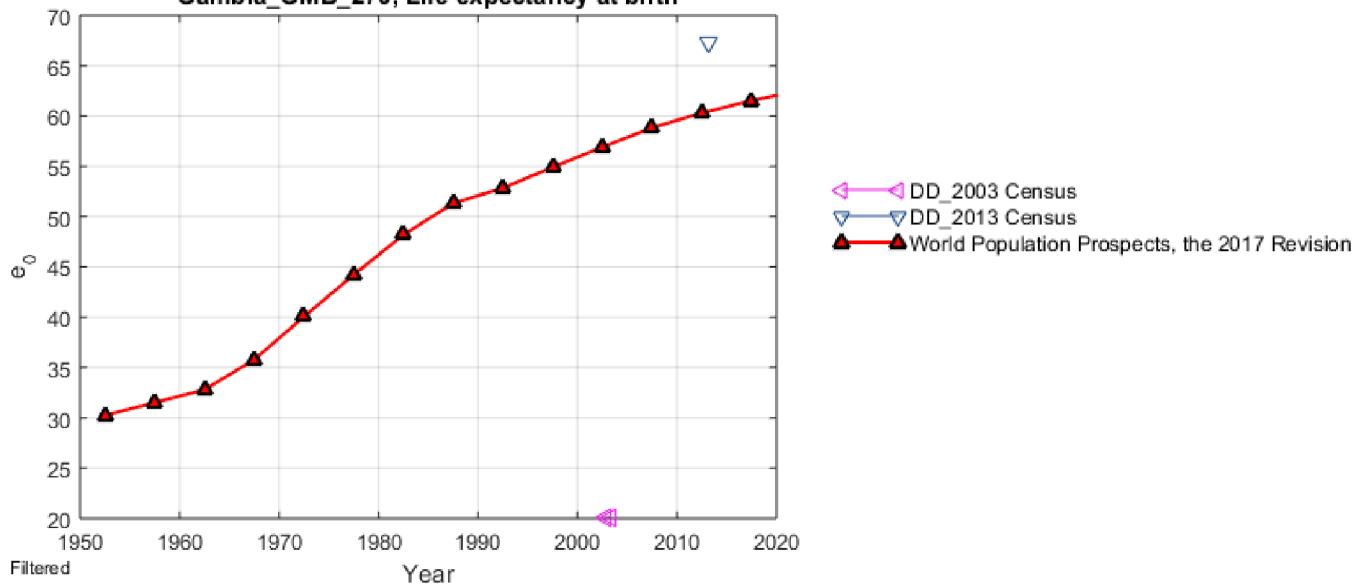
Gambia_GMB_270, Life expectancy at birth, Males



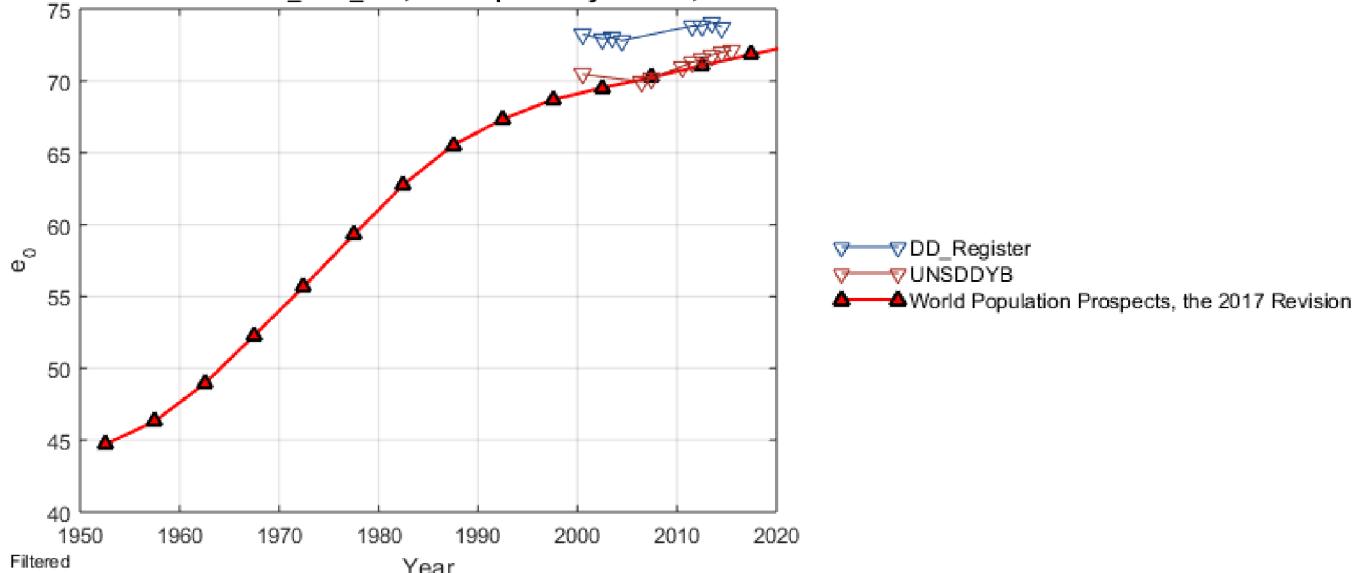
Gambia_GMB_270, Life expectancy at birth, Females



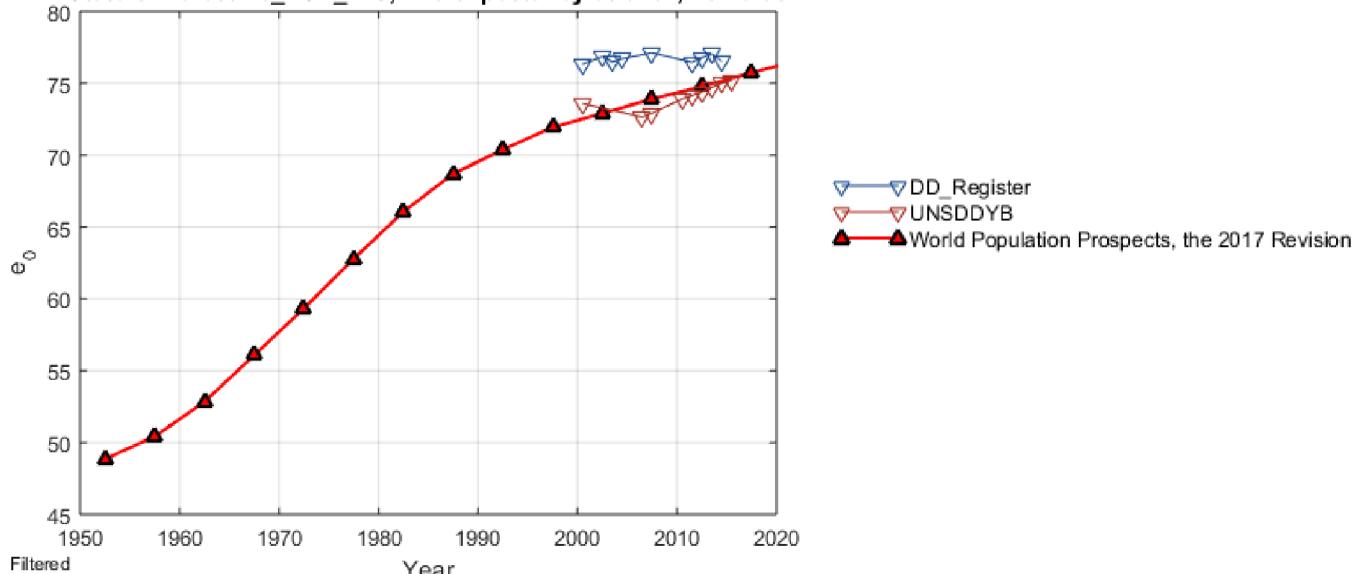
Gambia_GMB_270, Life expectancy at birth



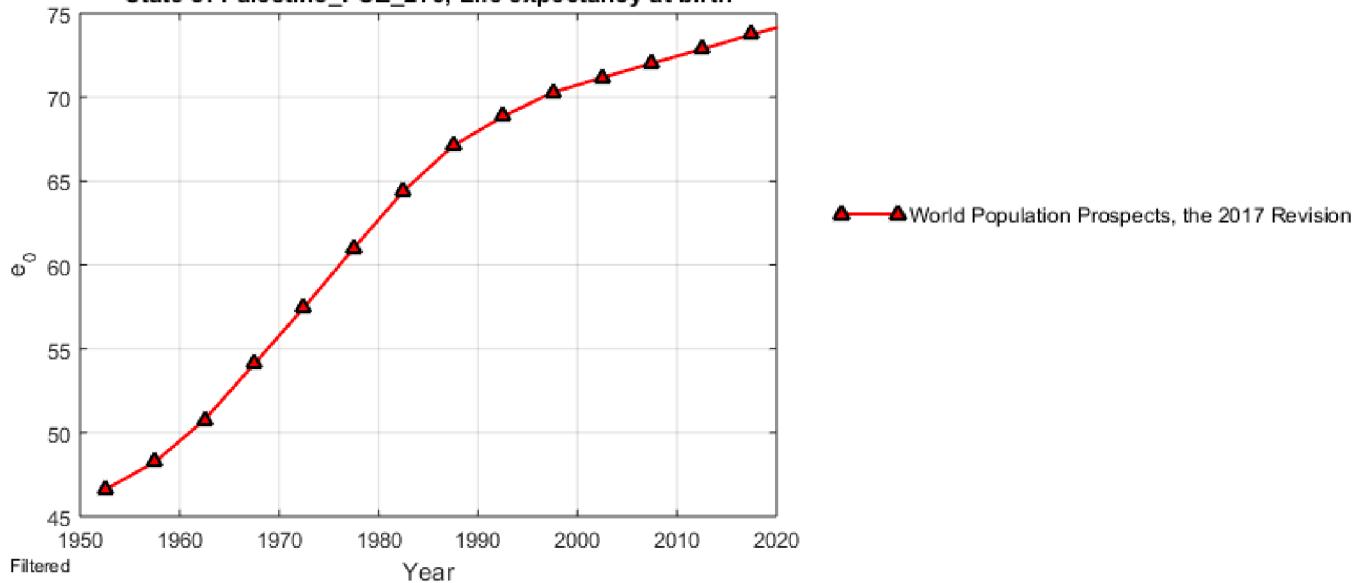
State of Palestine_PSE_275, Life expectancy at birth, Males

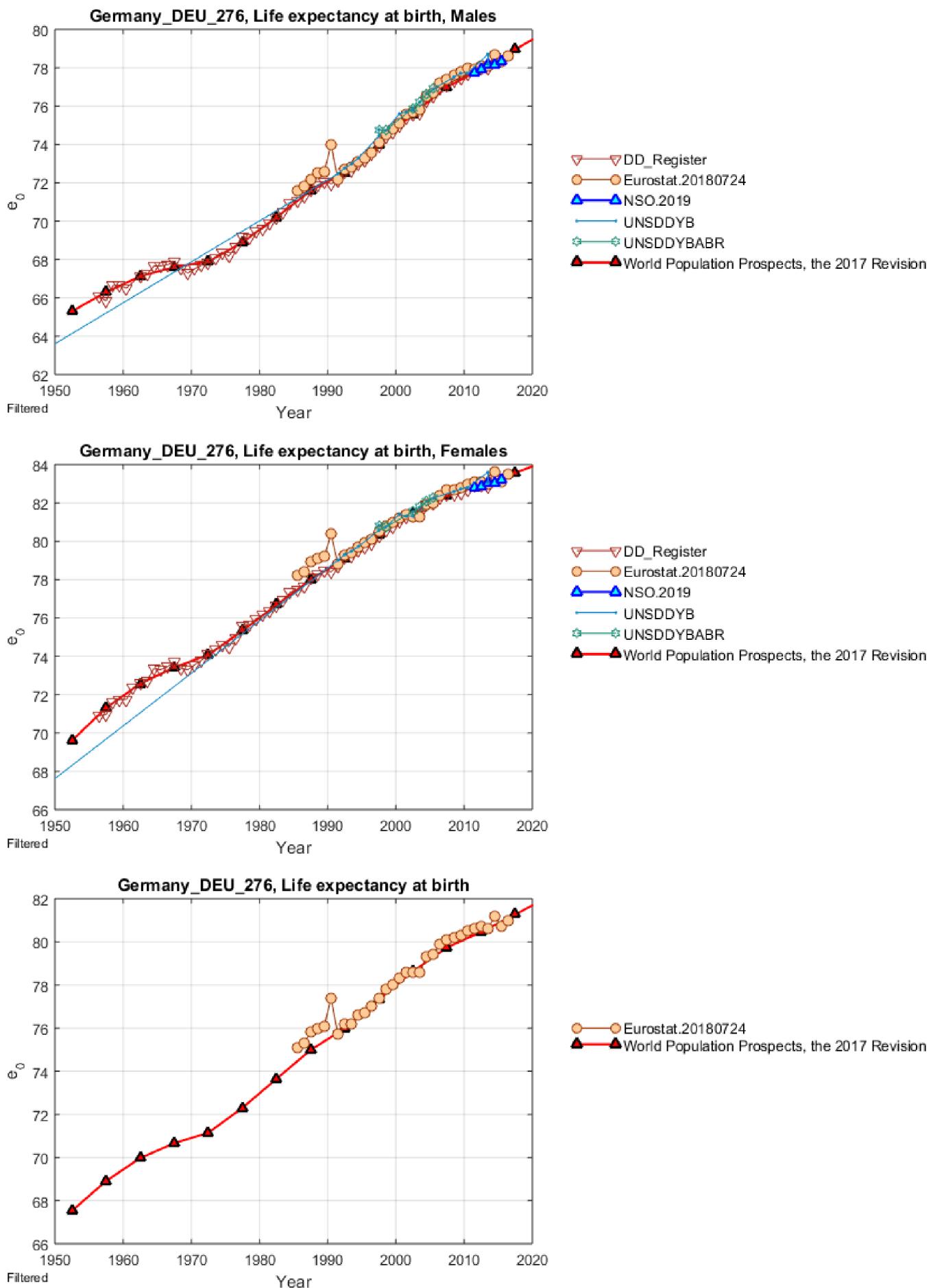


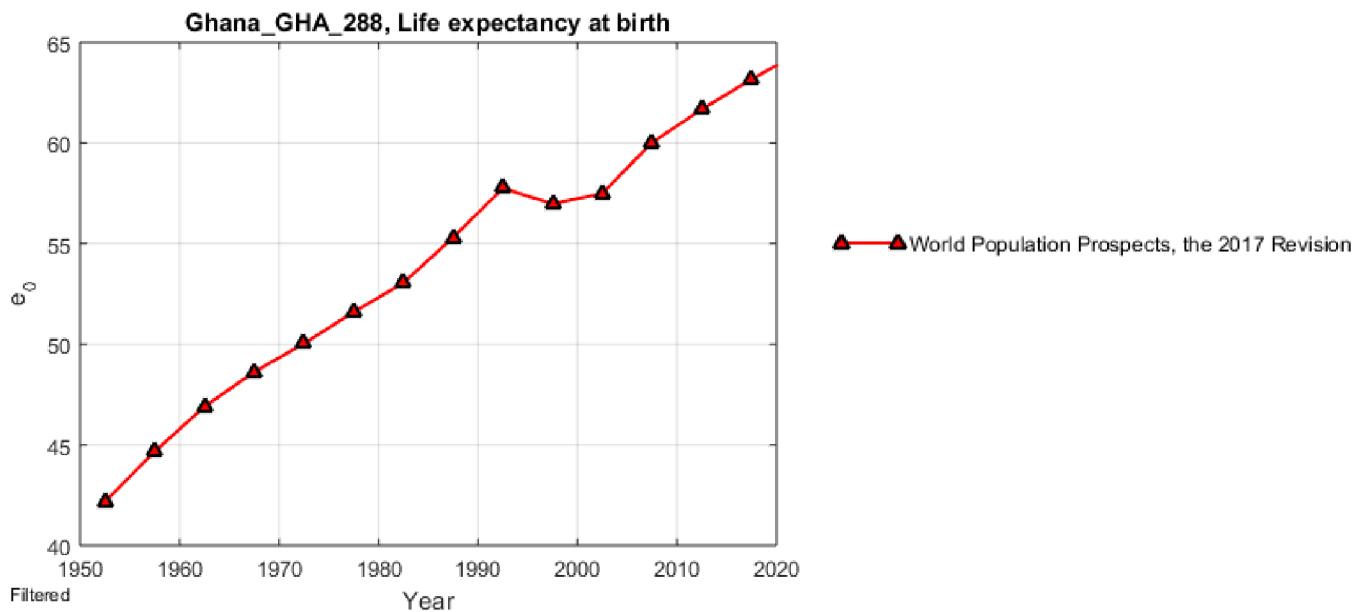
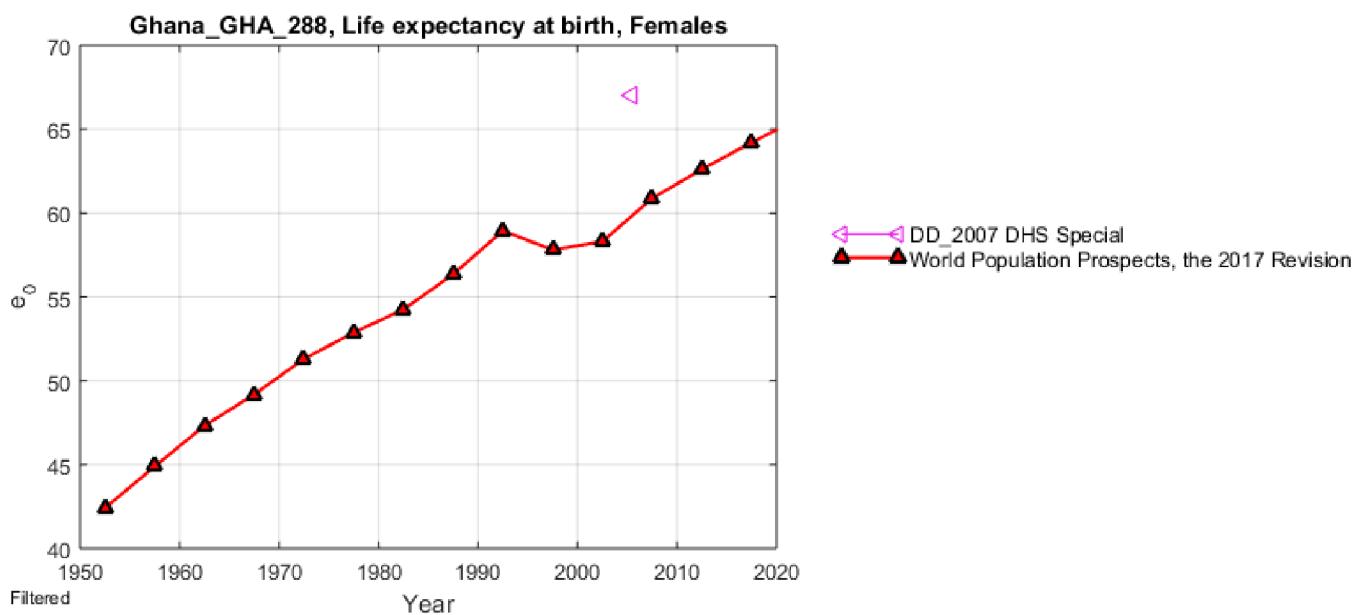
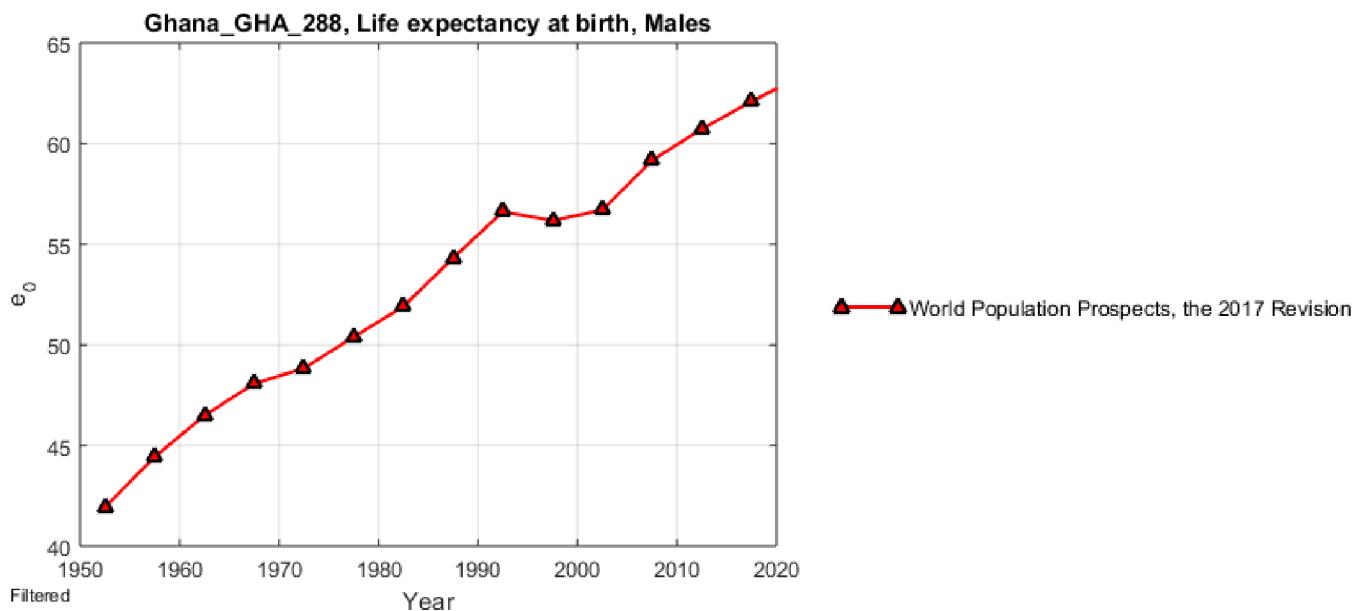
State of Palestine_PSE_275, Life expectancy at birth, Females

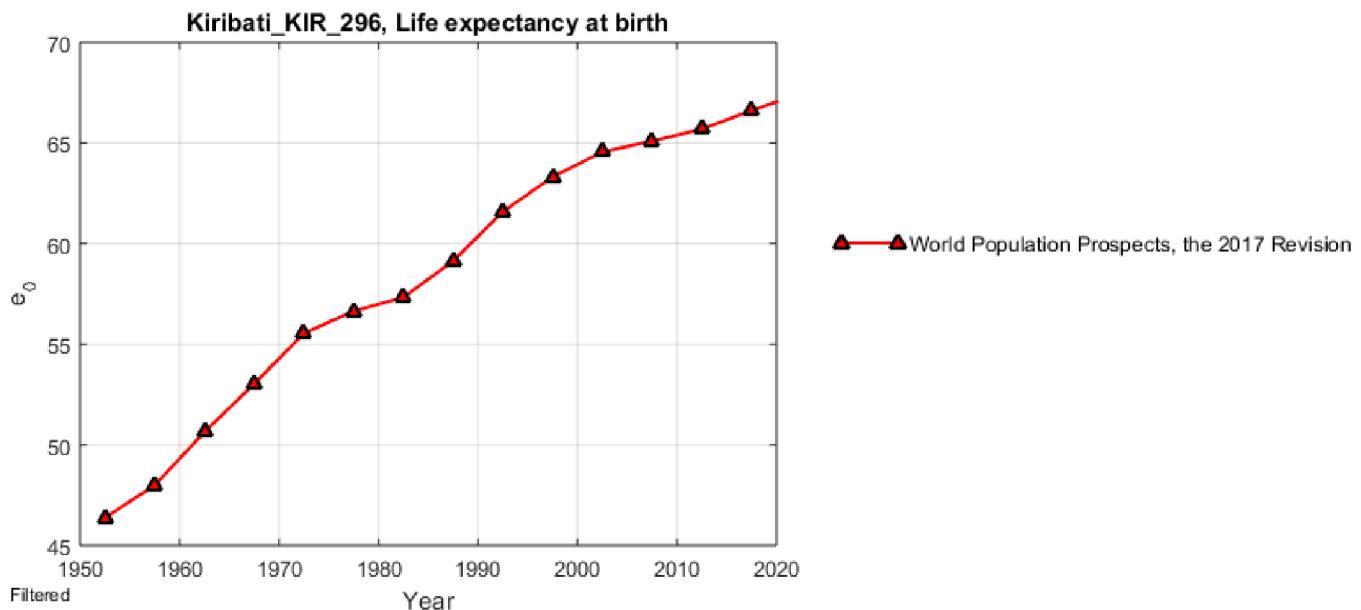
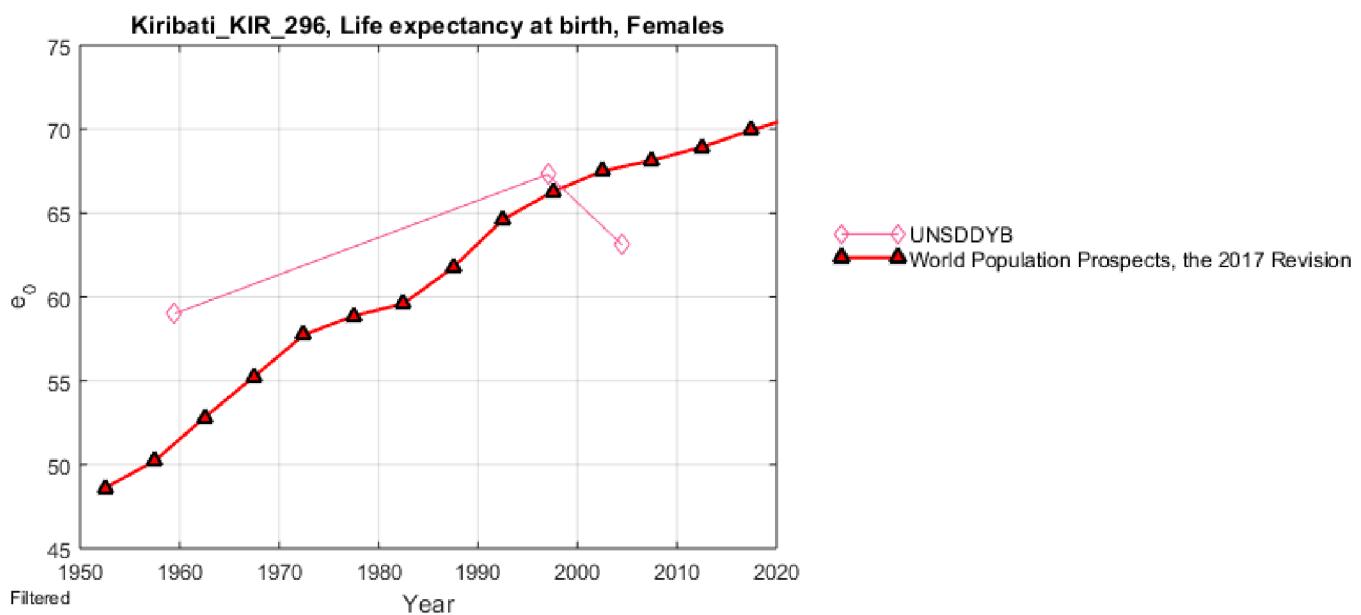
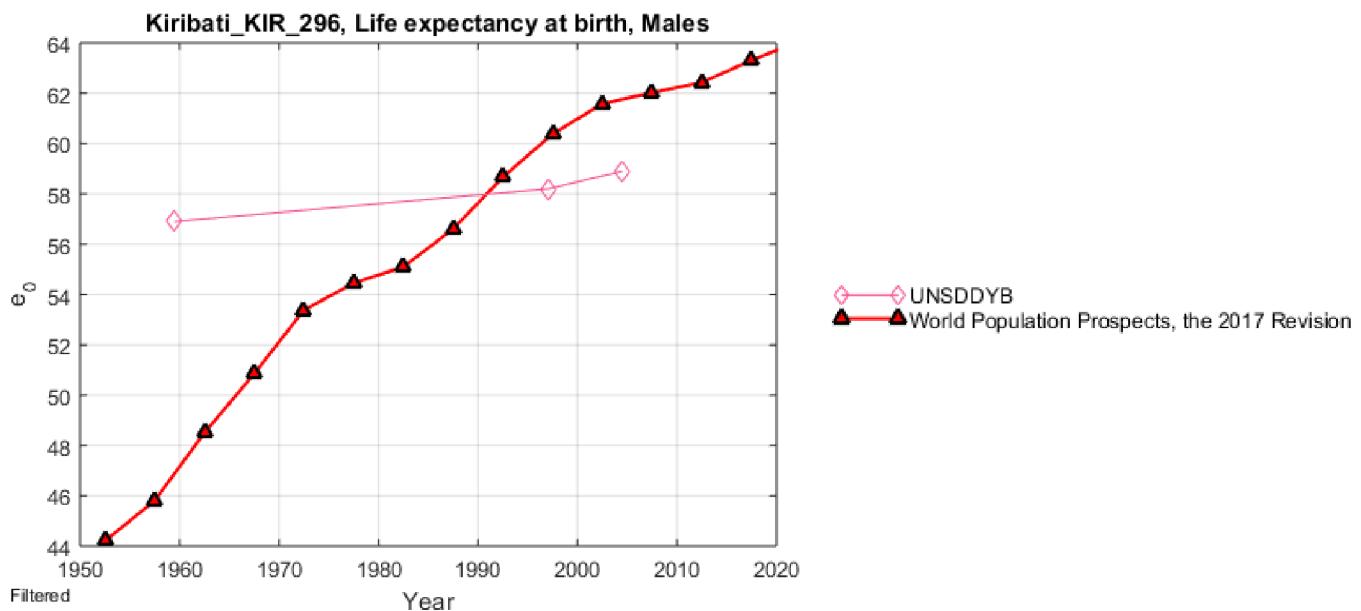


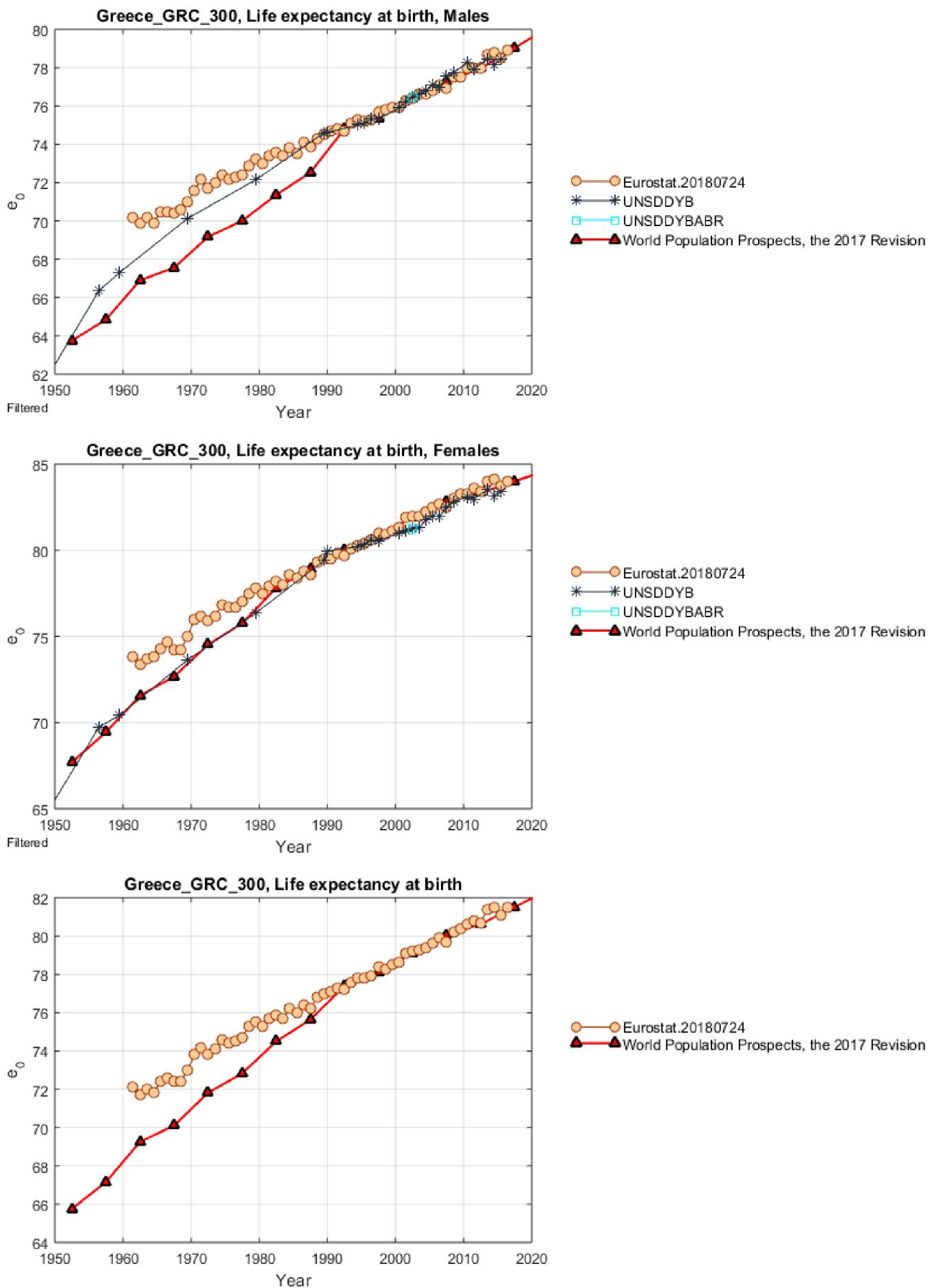
State of Palestine_PSE_275, Life expectancy at birth



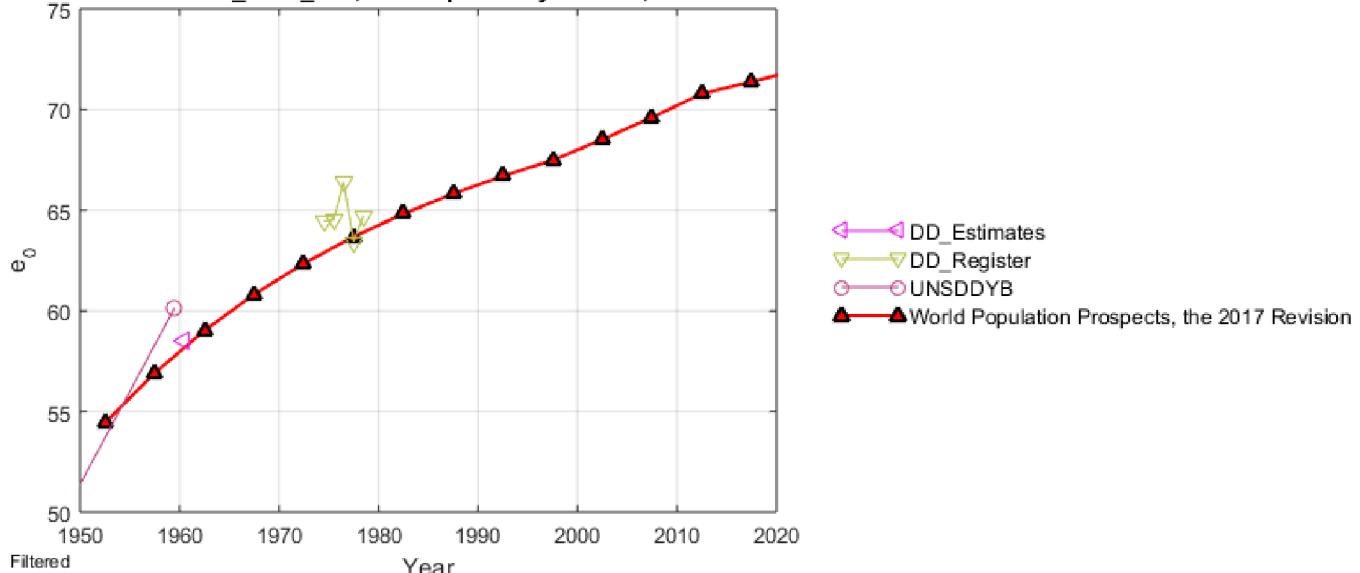




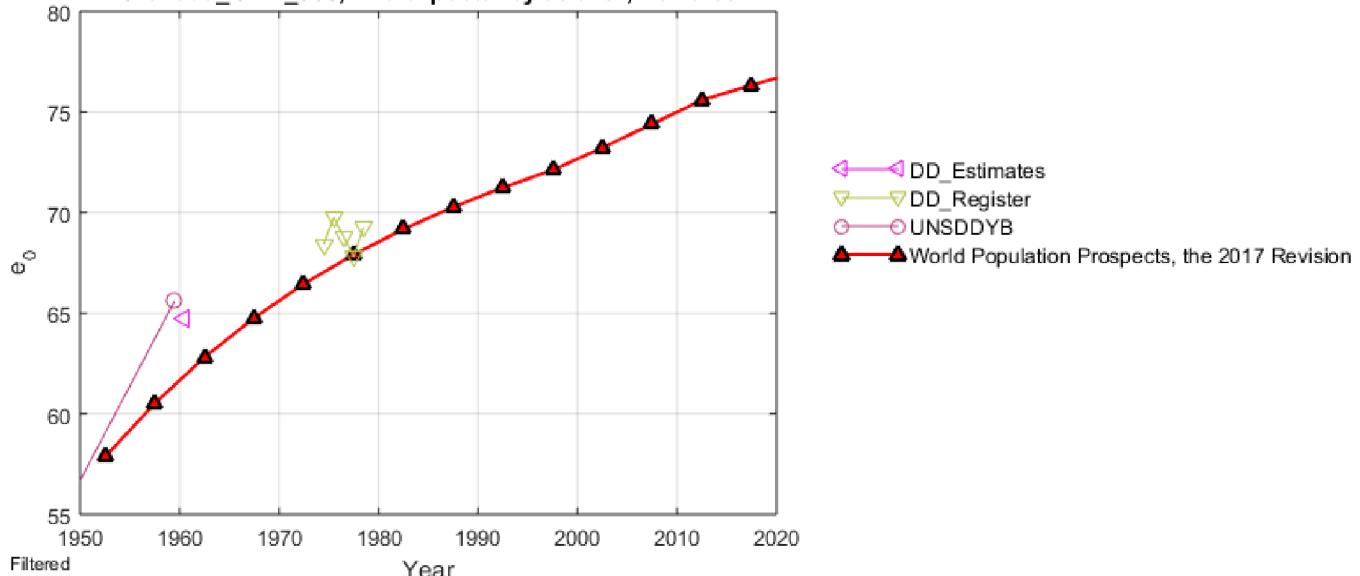




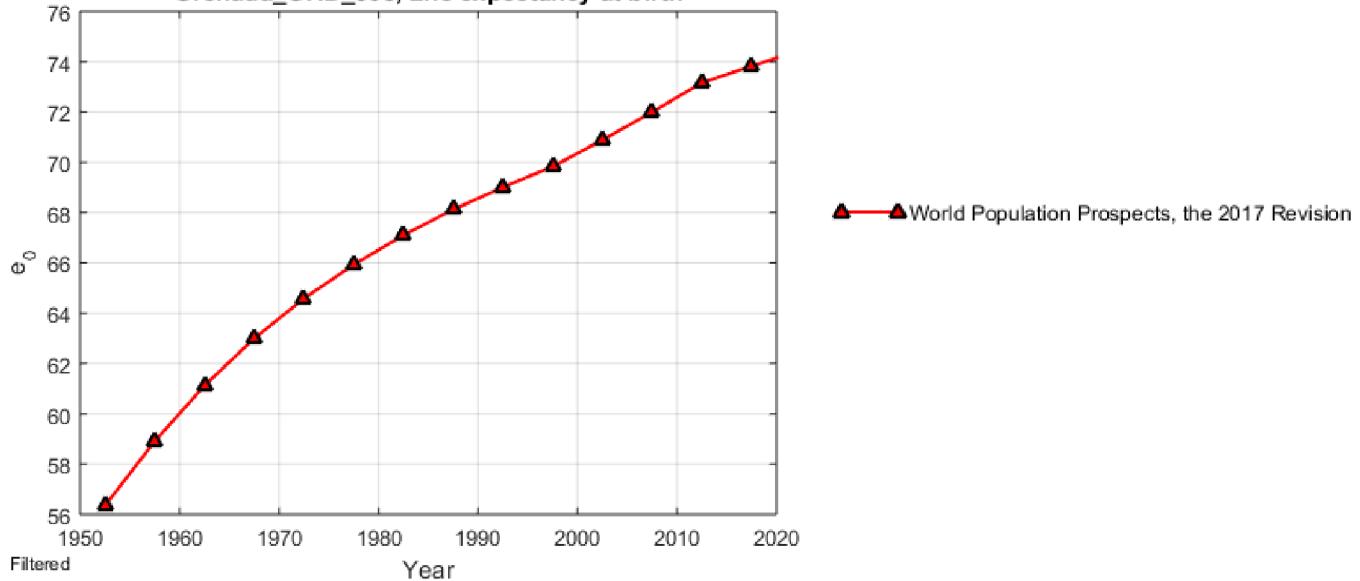
Grenada_GRD_308, Life expectancy at birth, Males

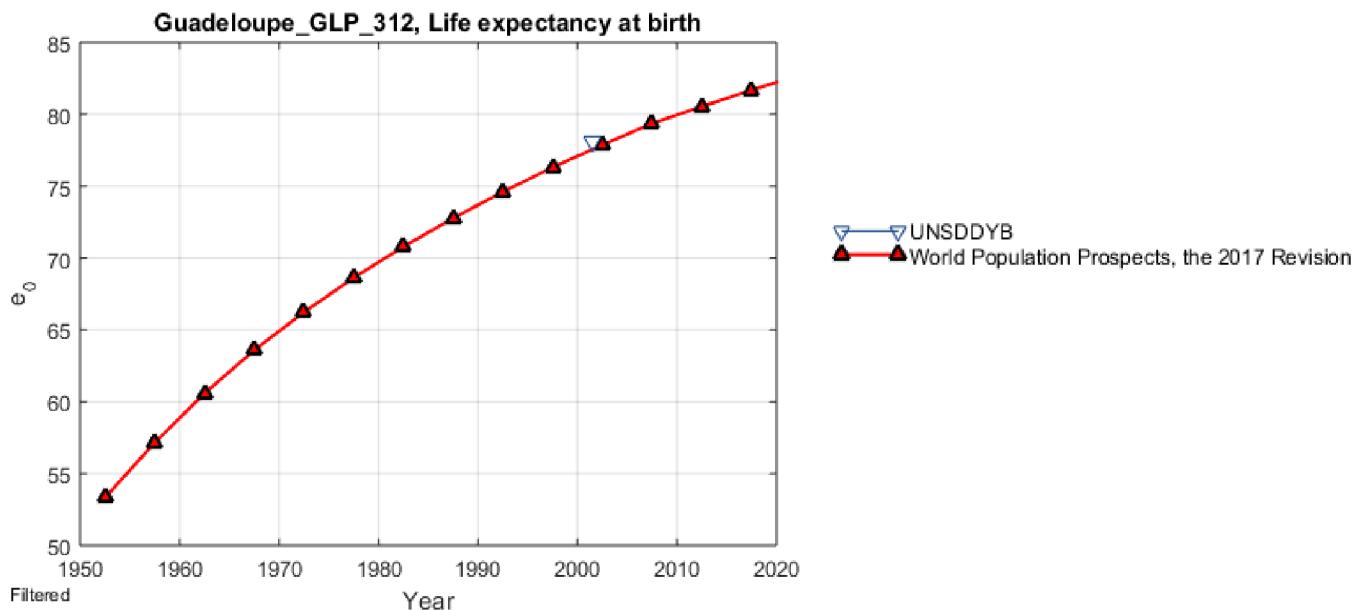
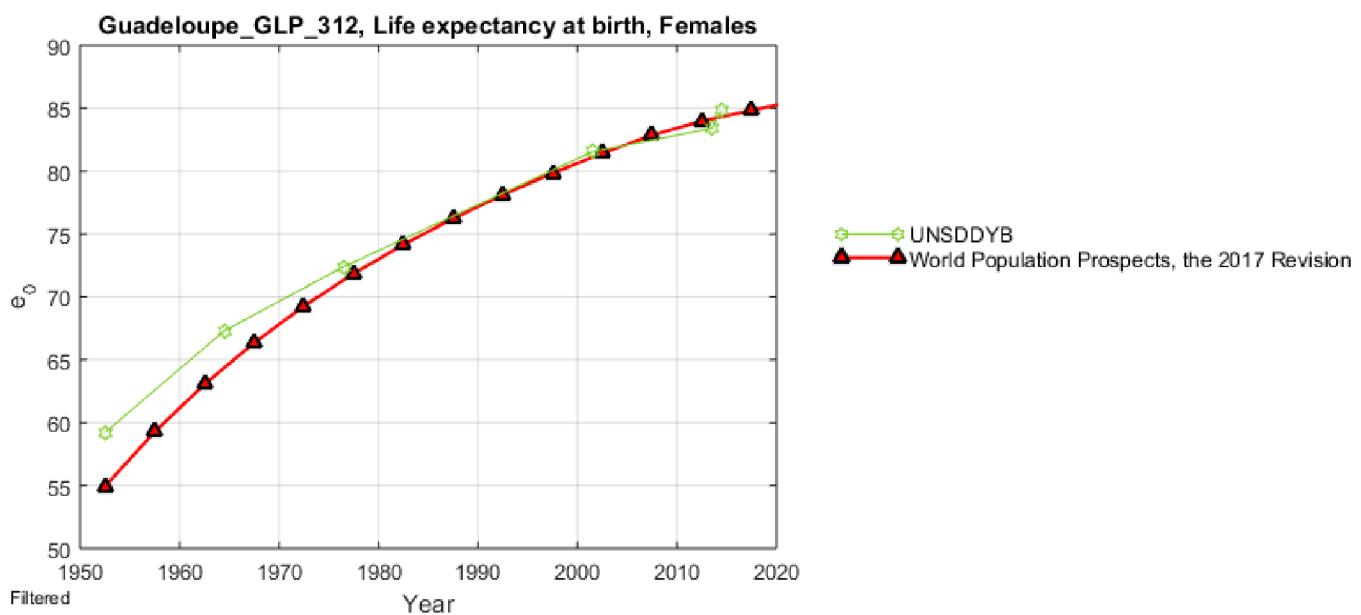
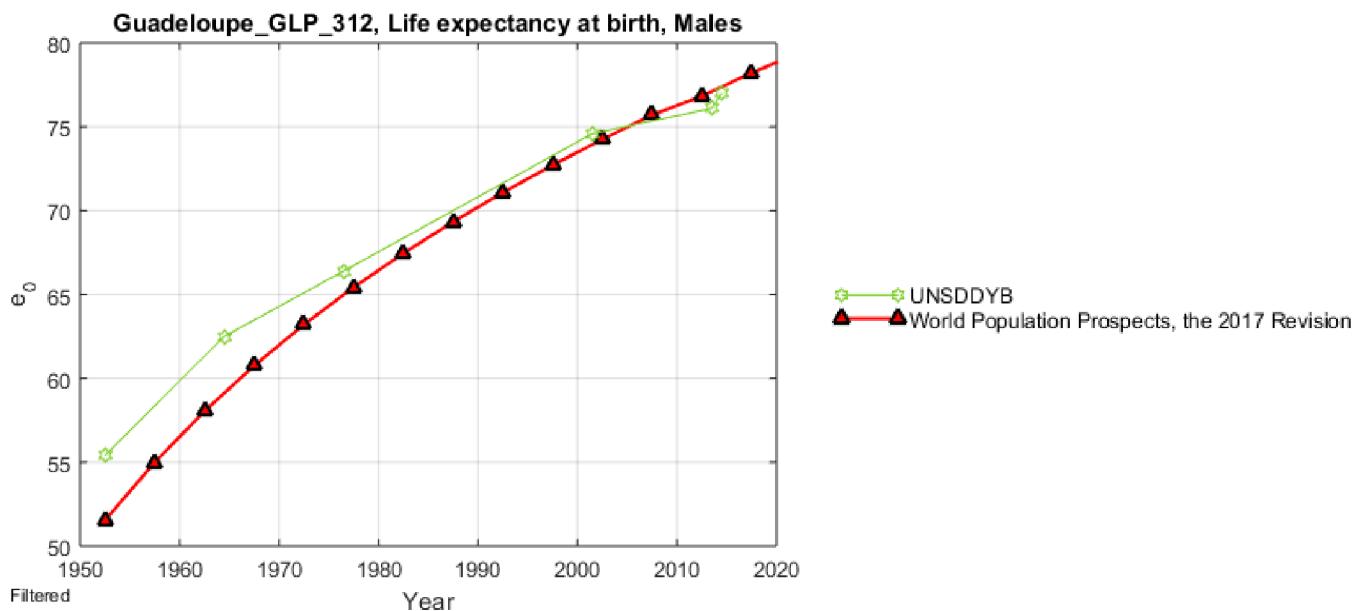


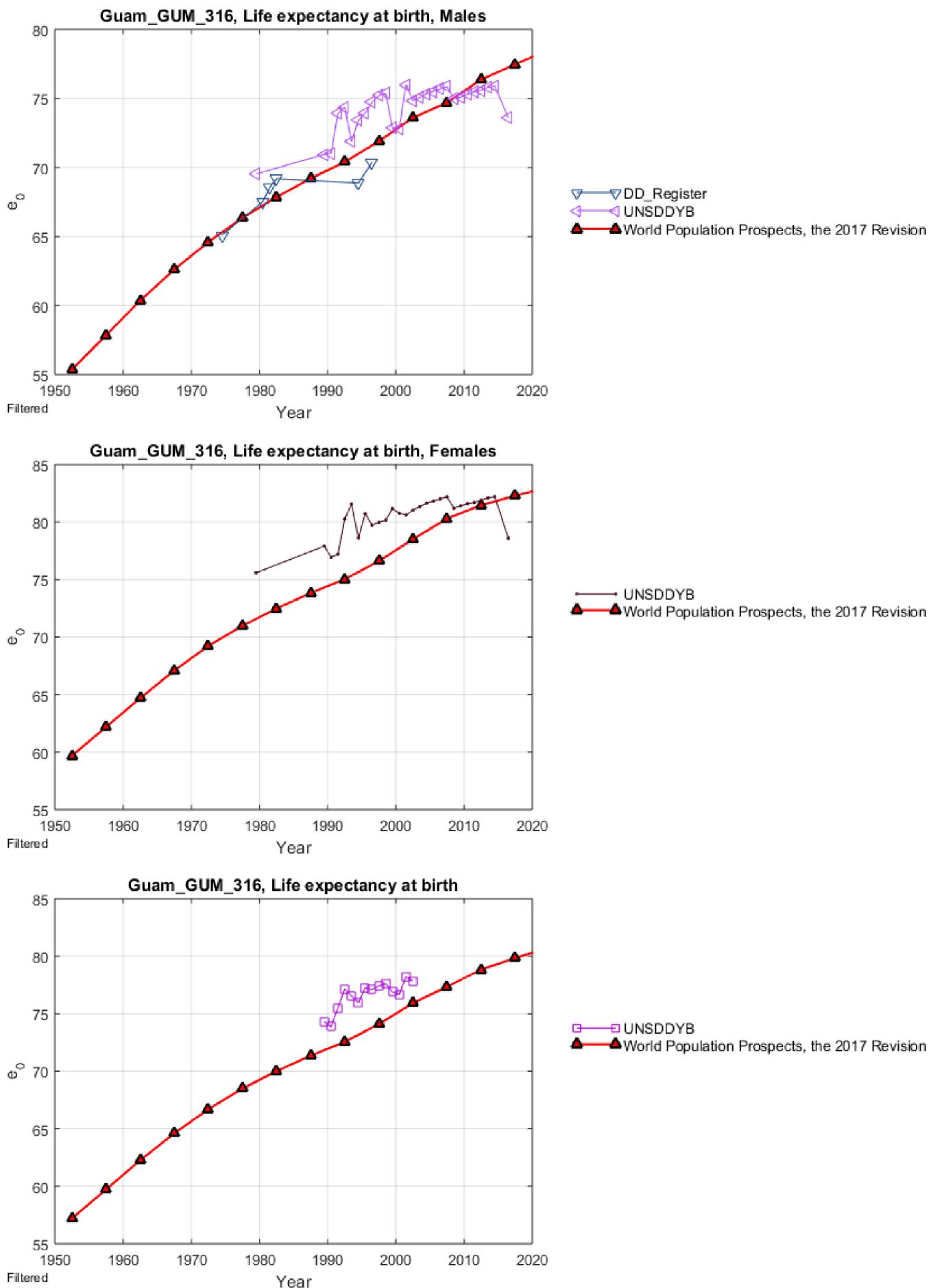
Grenada_GRD_308, Life expectancy at birth, Females

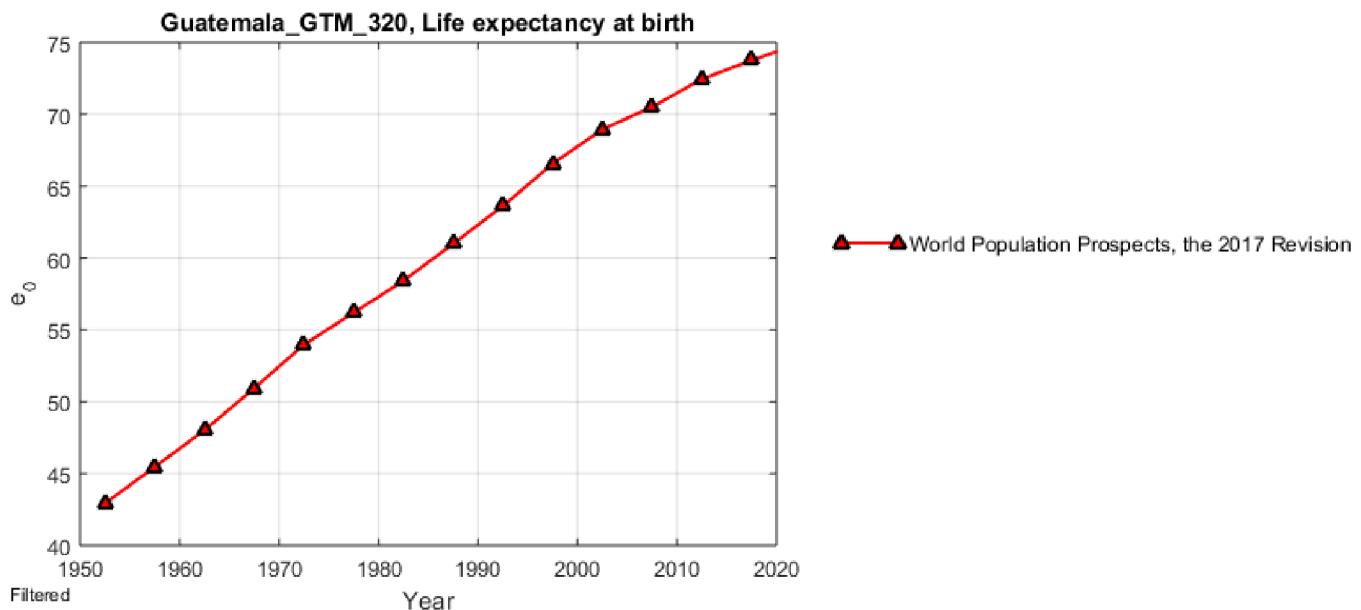
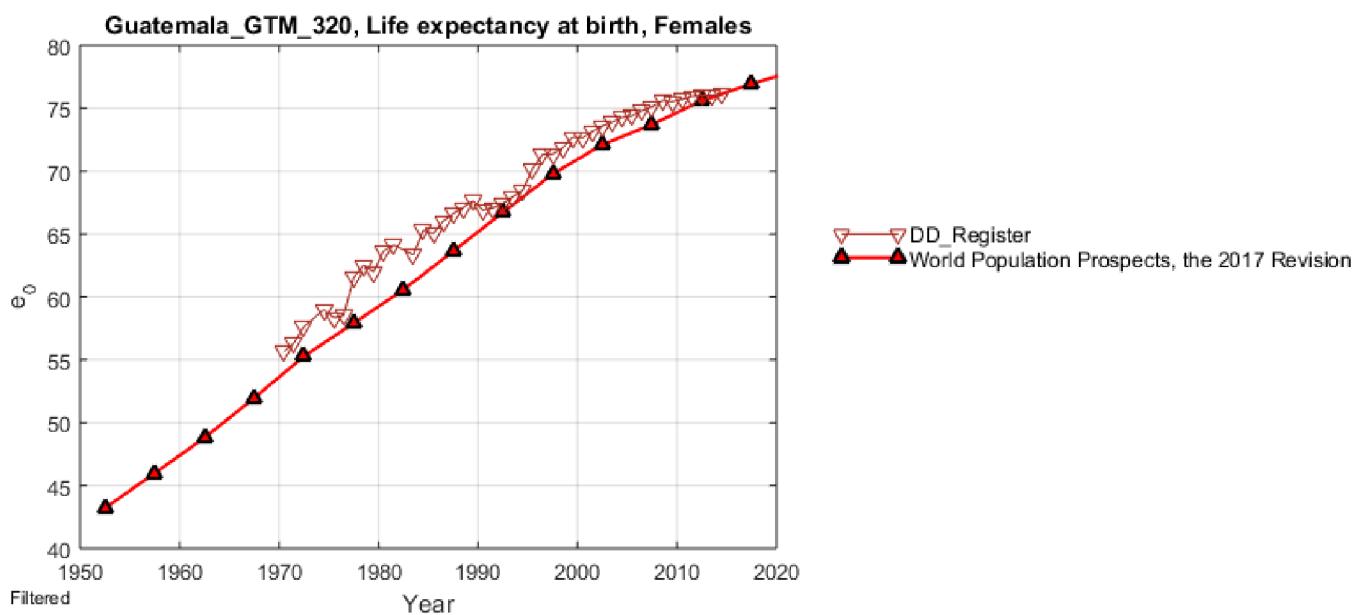
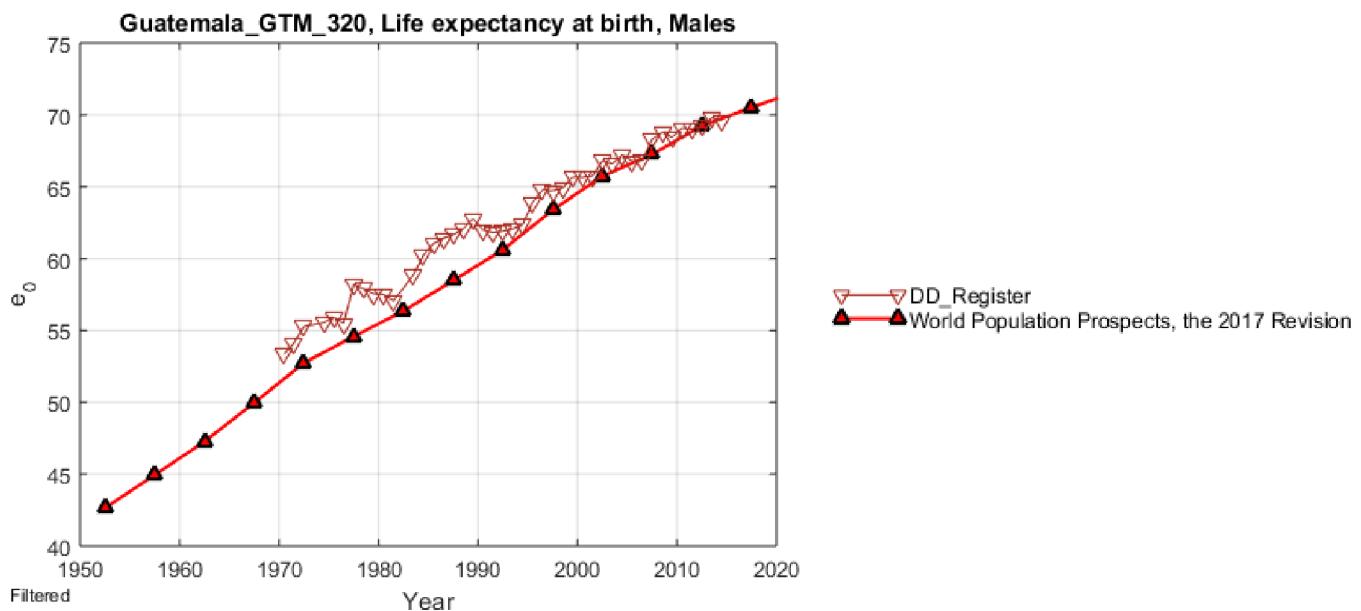


Grenada_GRD_308, Life expectancy at birth

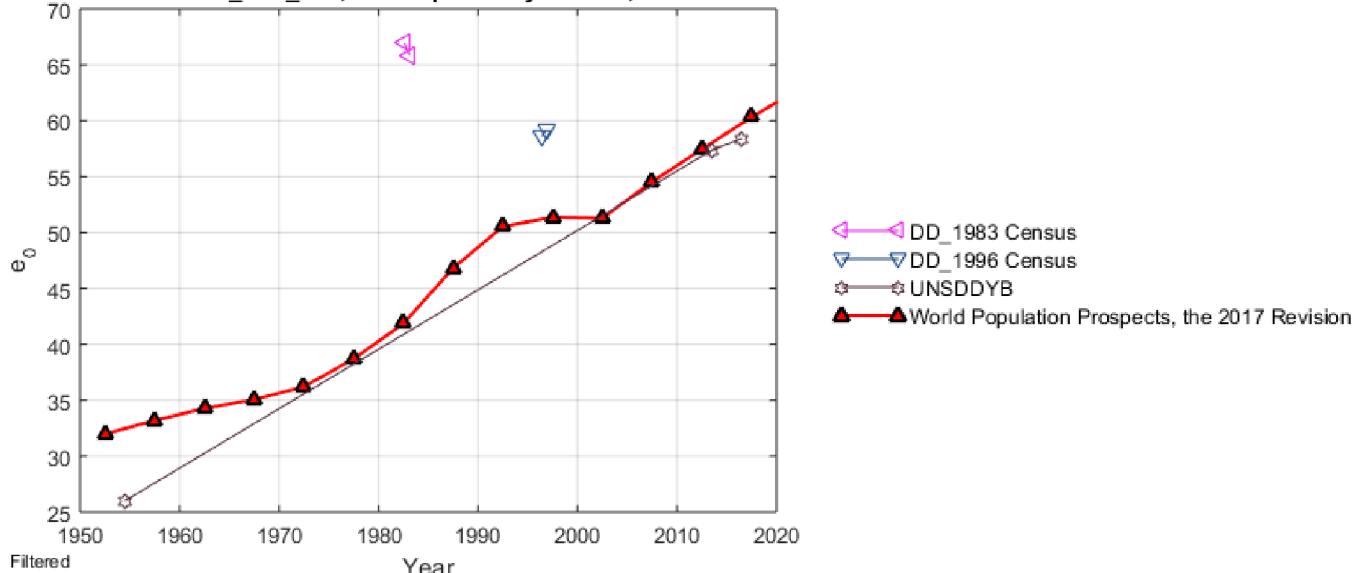




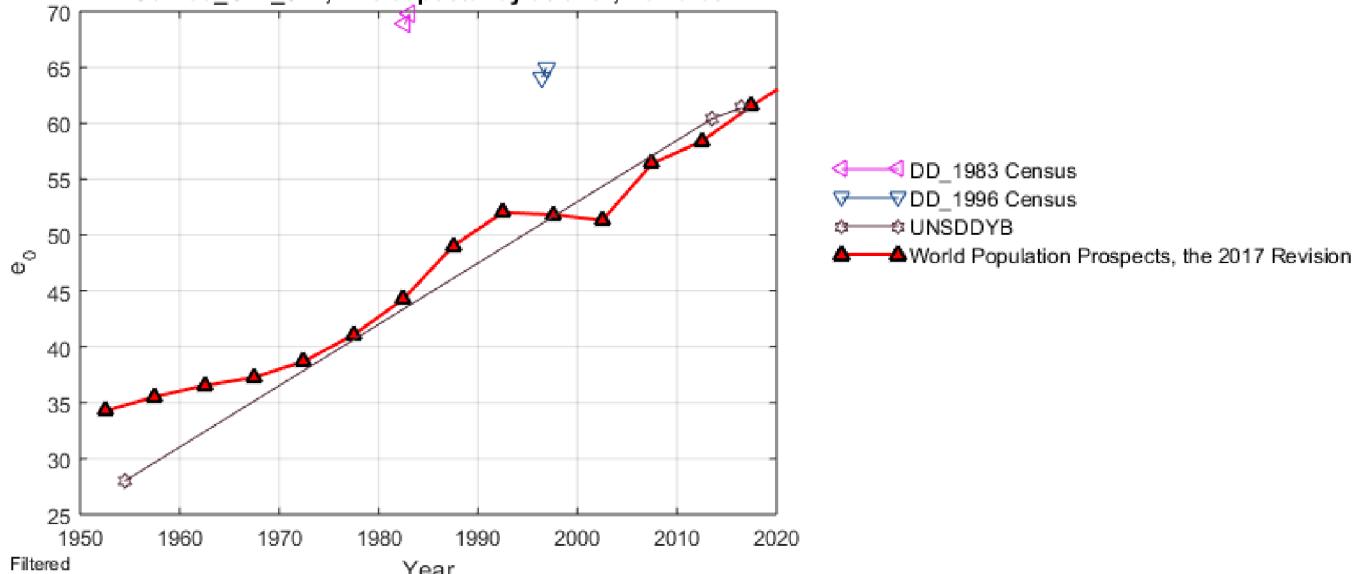




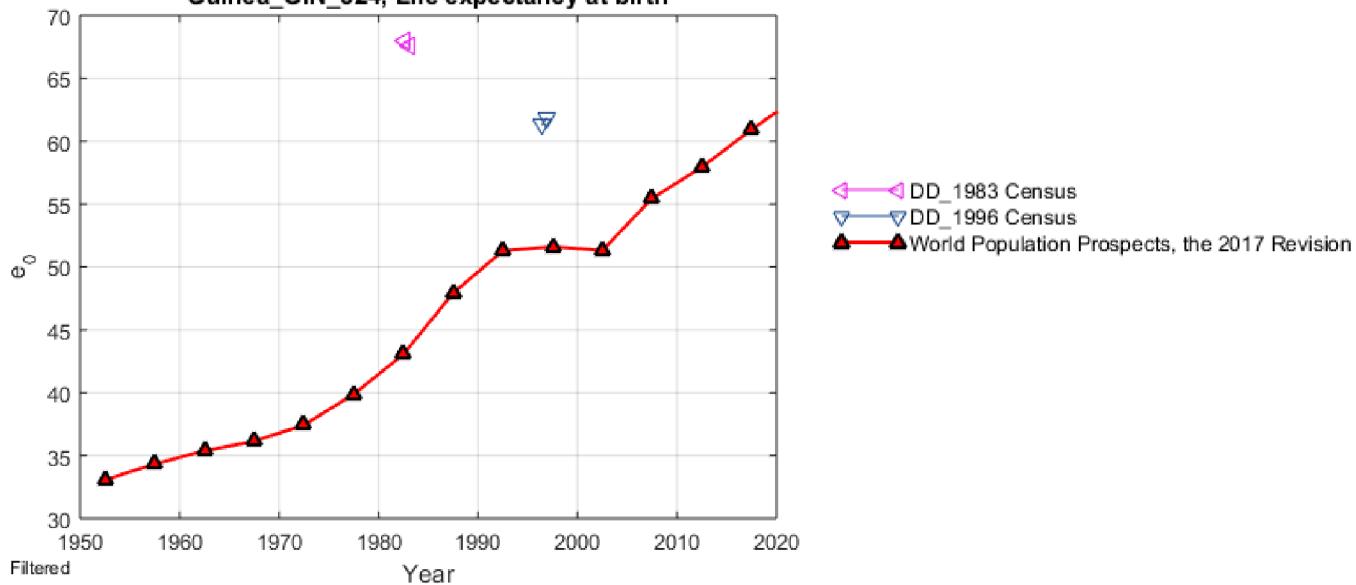
Guinea_GIN_324, Life expectancy at birth, Males



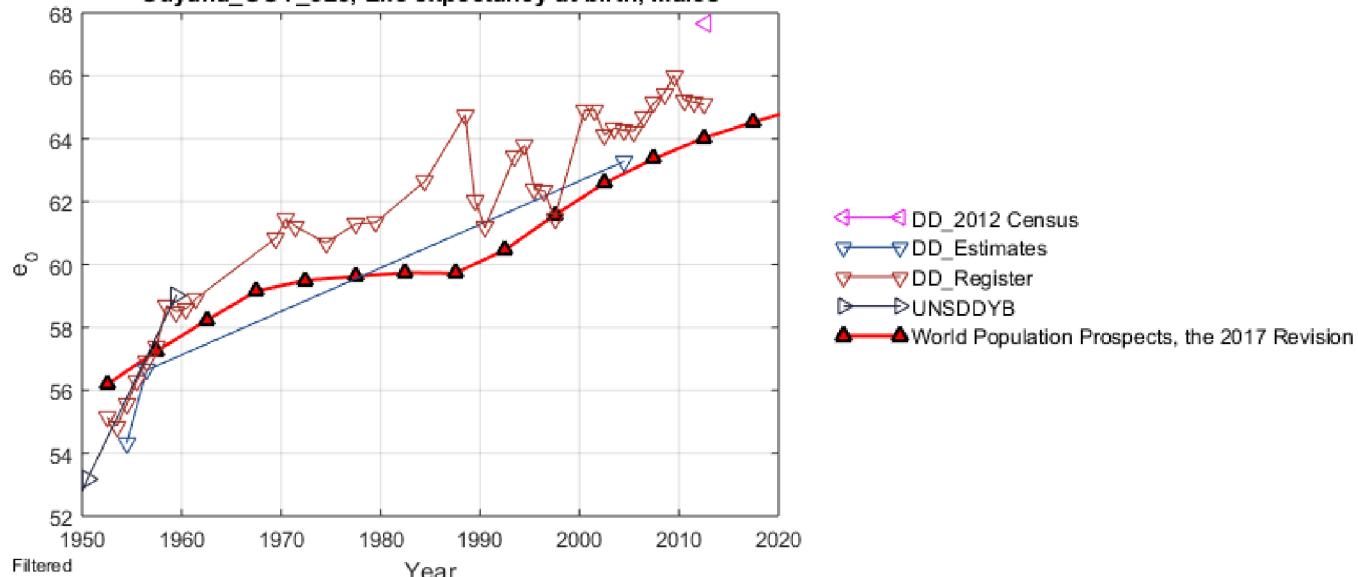
Guinea_GIN_324, Life expectancy at birth, Females



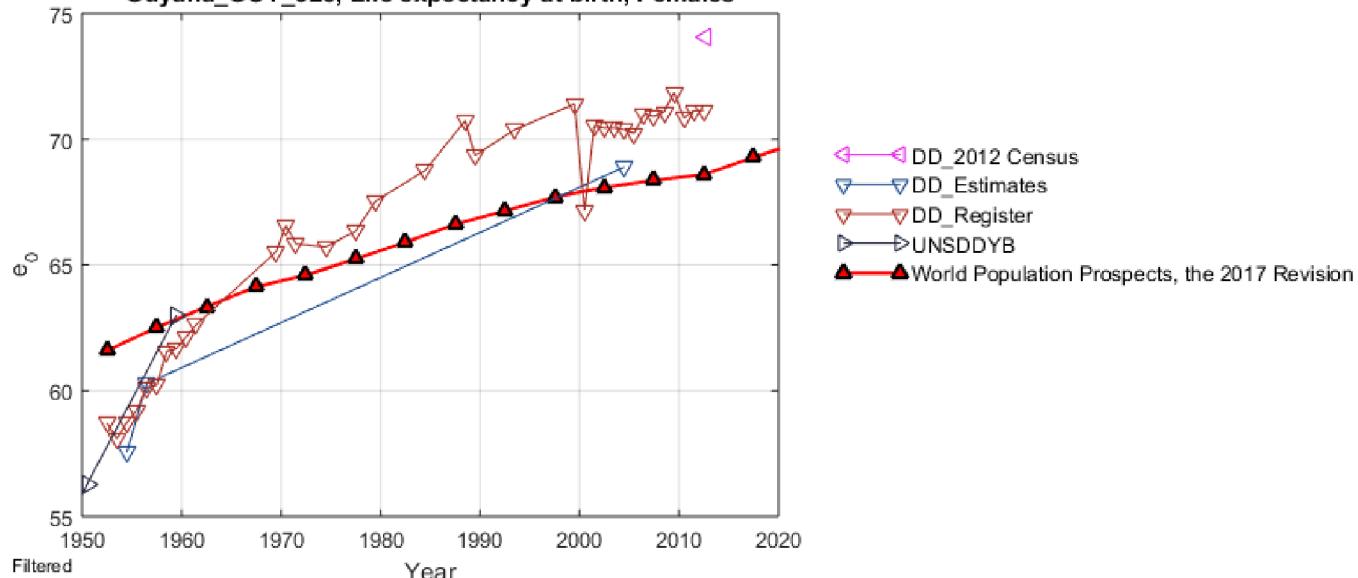
Guinea_GIN_324, Life expectancy at birth



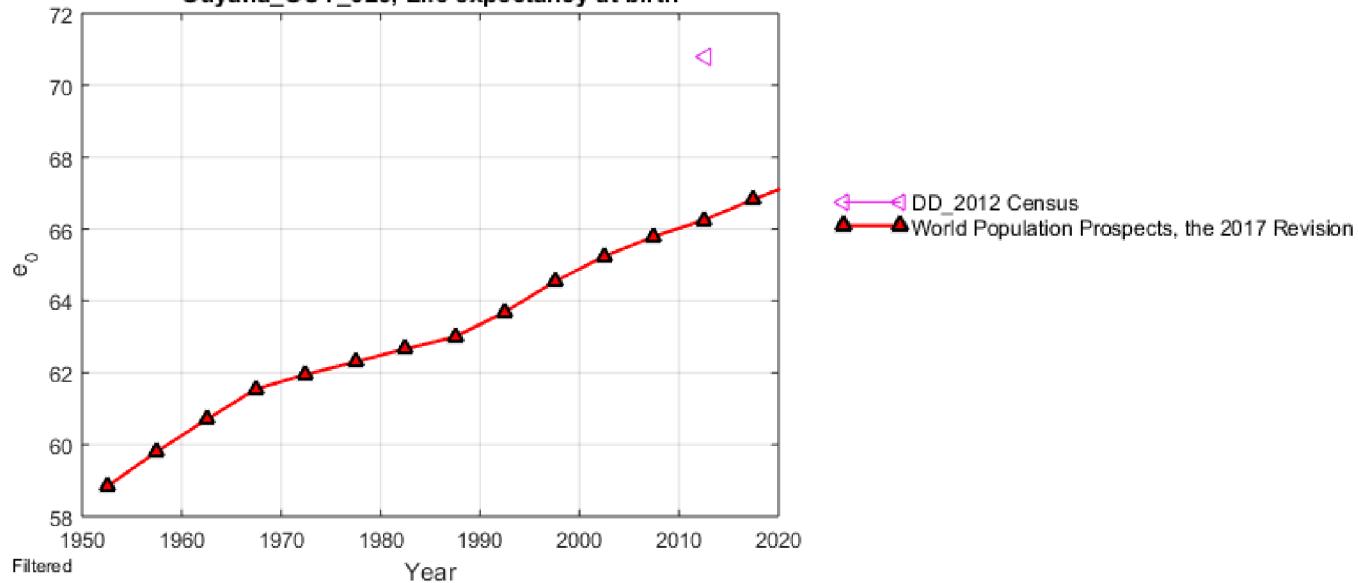
Guyana_GUY_328, Life expectancy at birth, Males

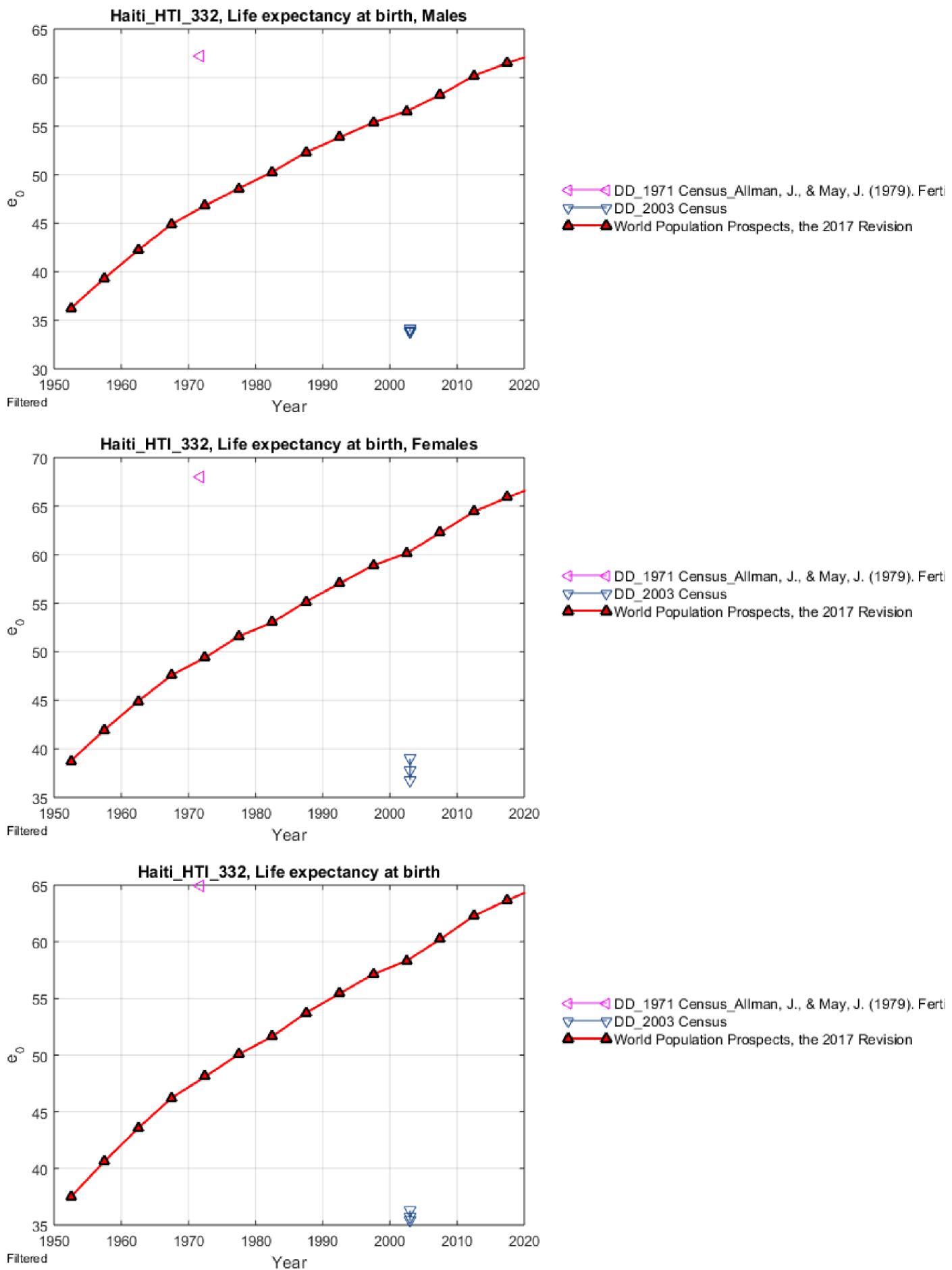


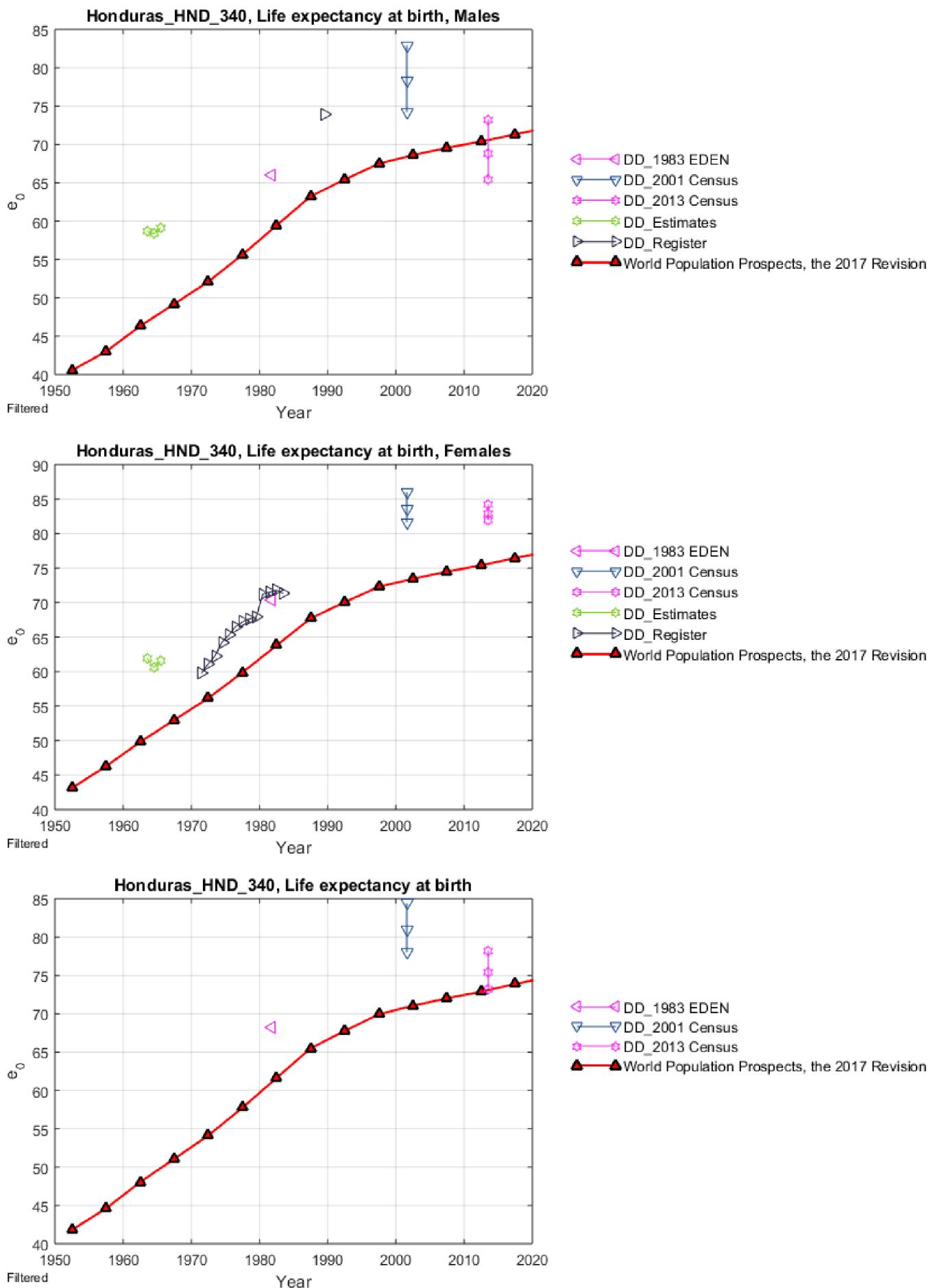
Guyana_GUY_328, Life expectancy at birth, Females



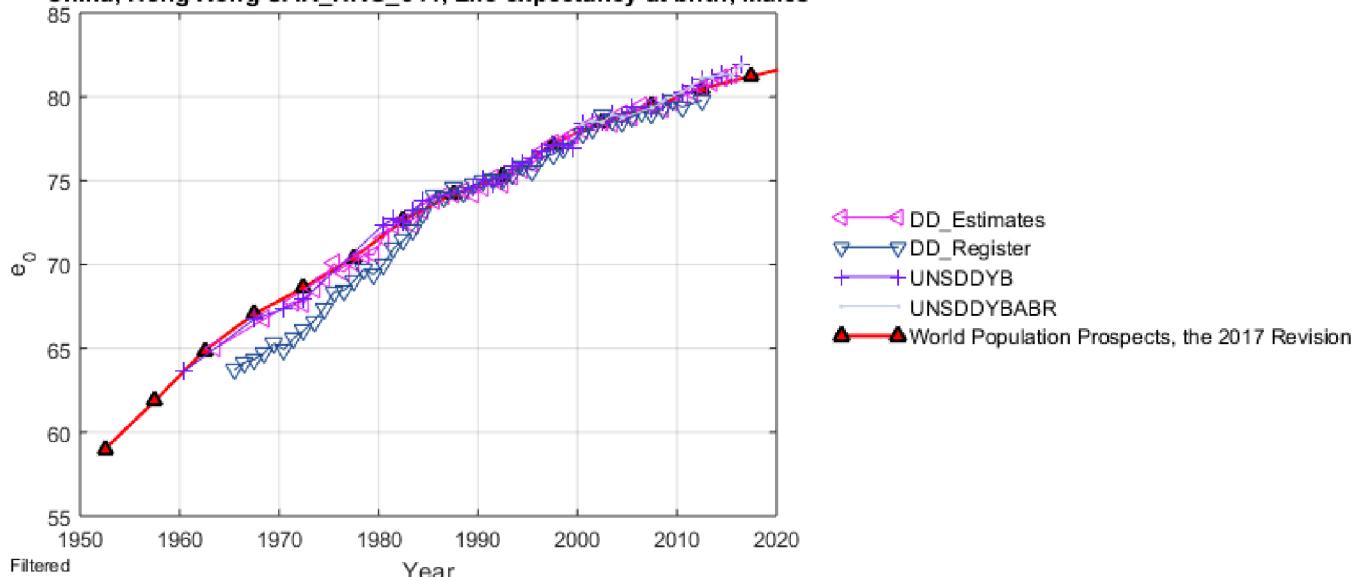
Guyana_GUY_328, Life expectancy at birth



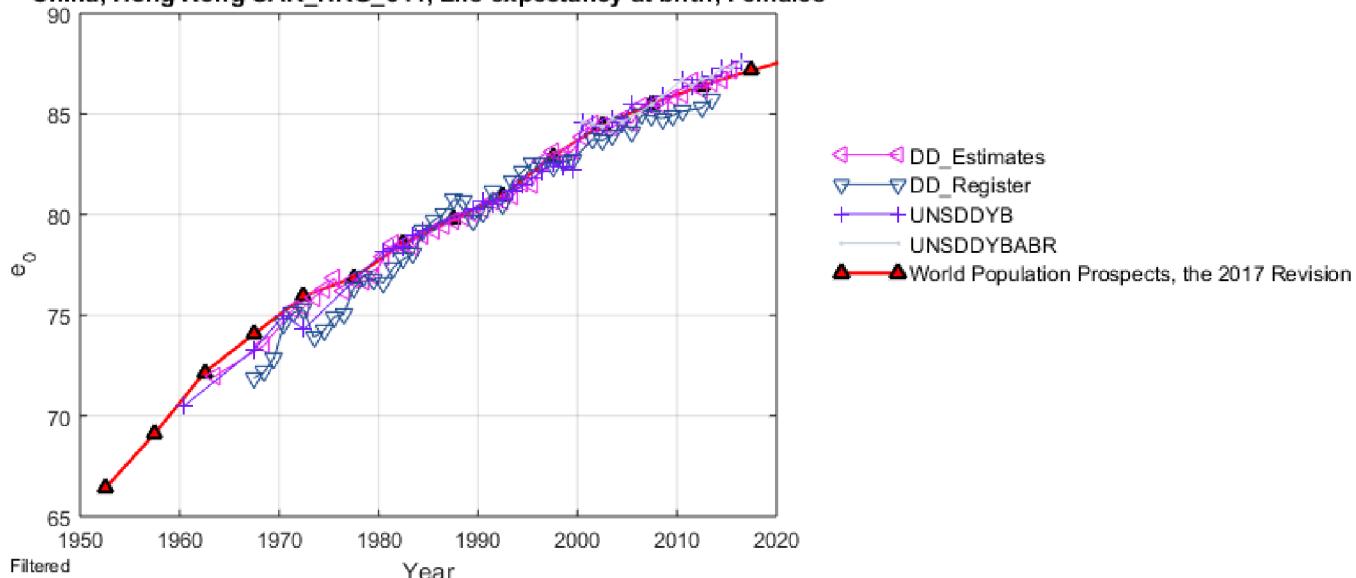




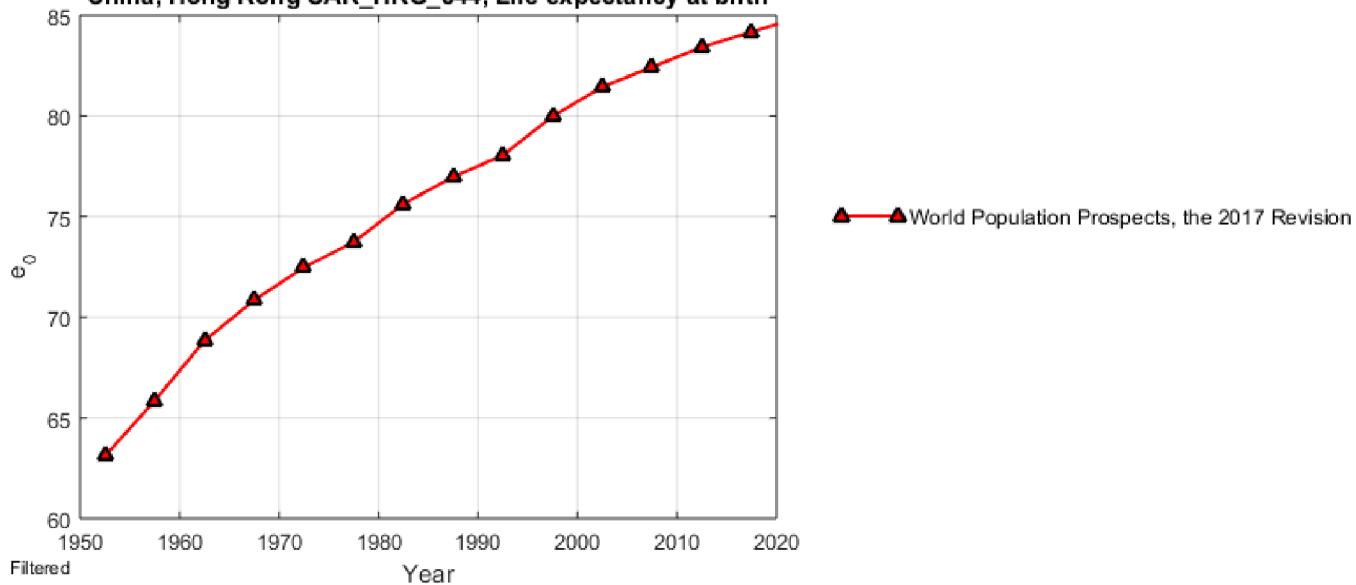
China, Hong Kong SAR_HKG_344, Life expectancy at birth, Males



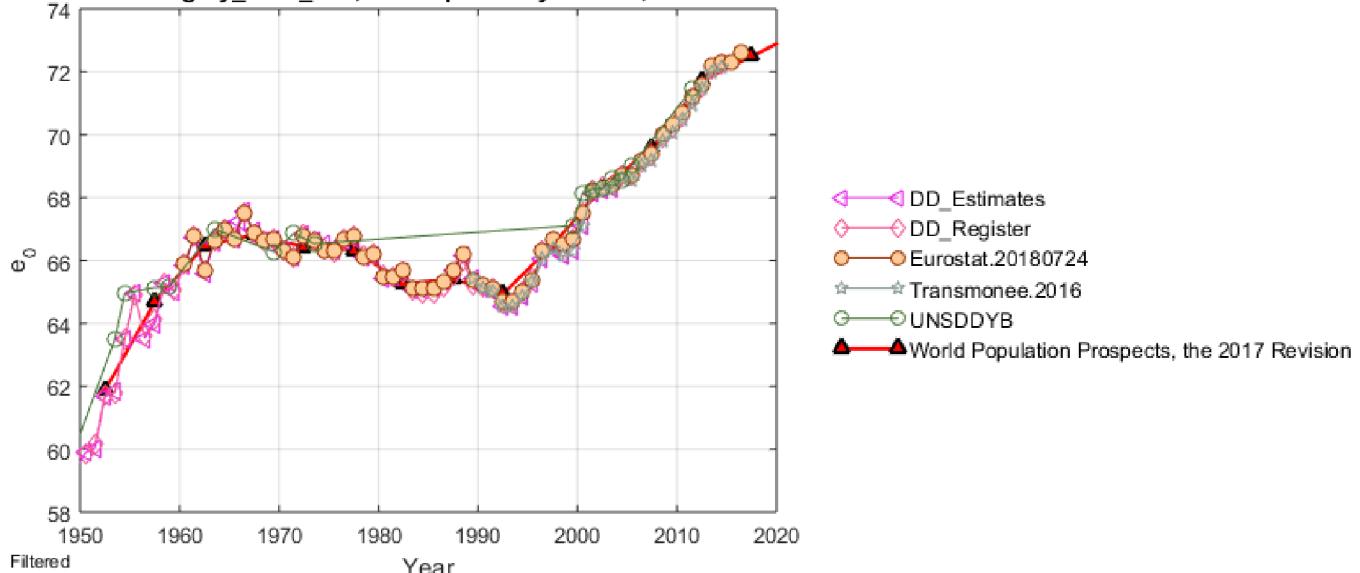
China, Hong Kong SAR_HKG_344, Life expectancy at birth, Females



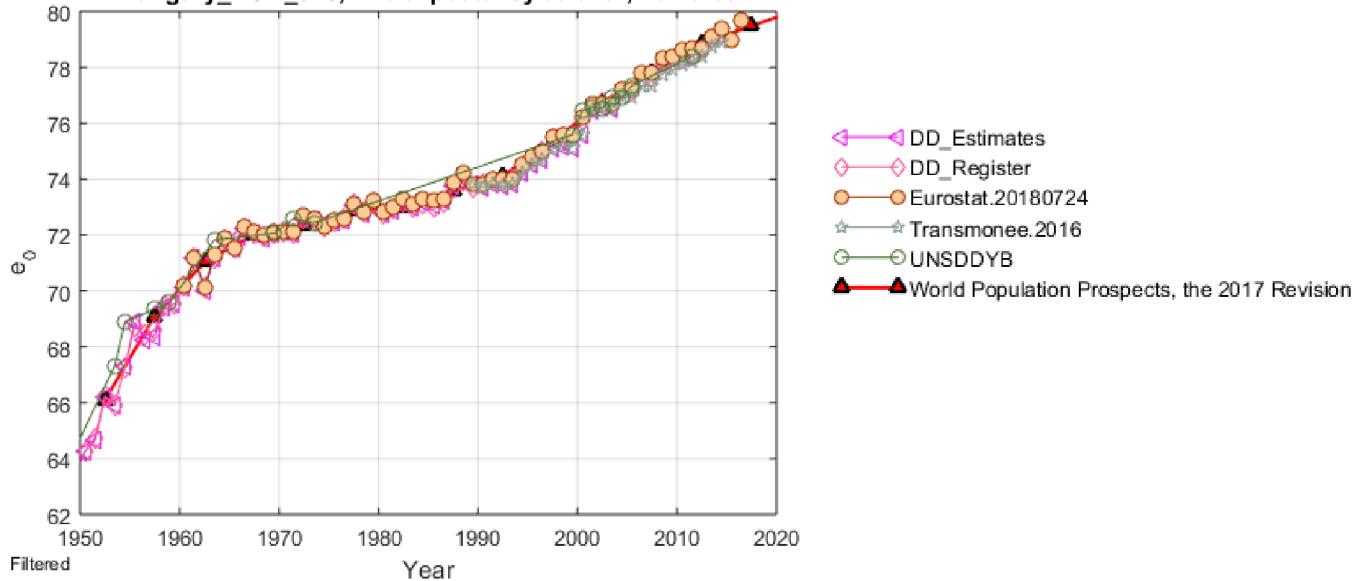
China, Hong Kong SAR_HKG_344, Life expectancy at birth



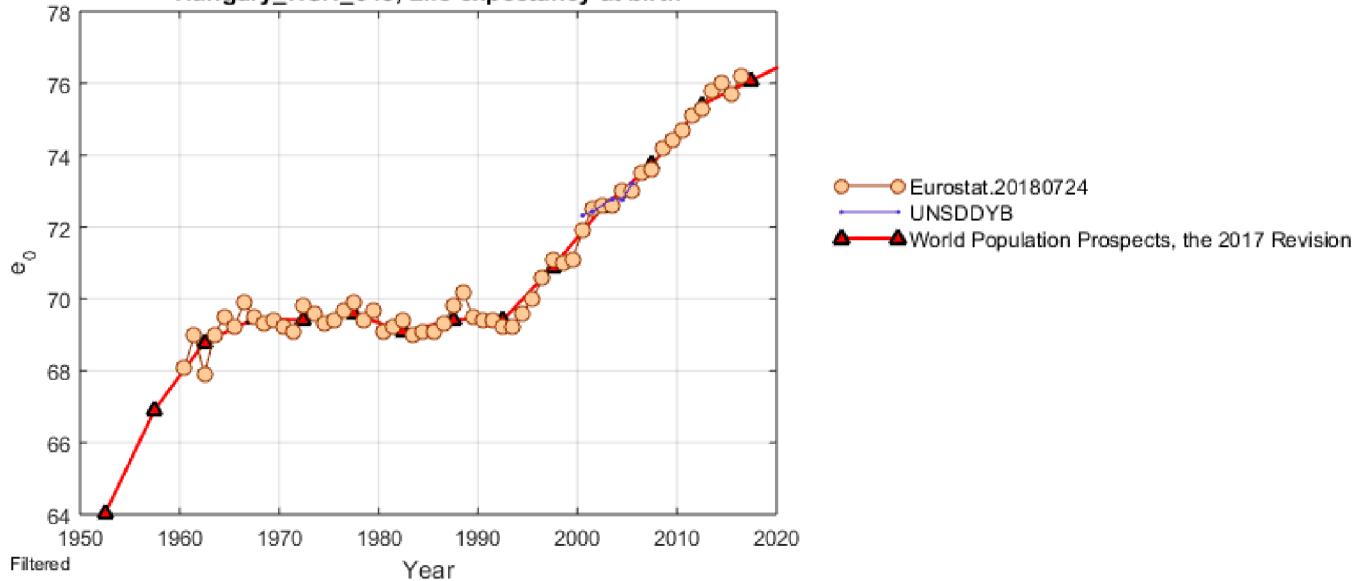
Hungary_HUN_348, Life expectancy at birth, Males



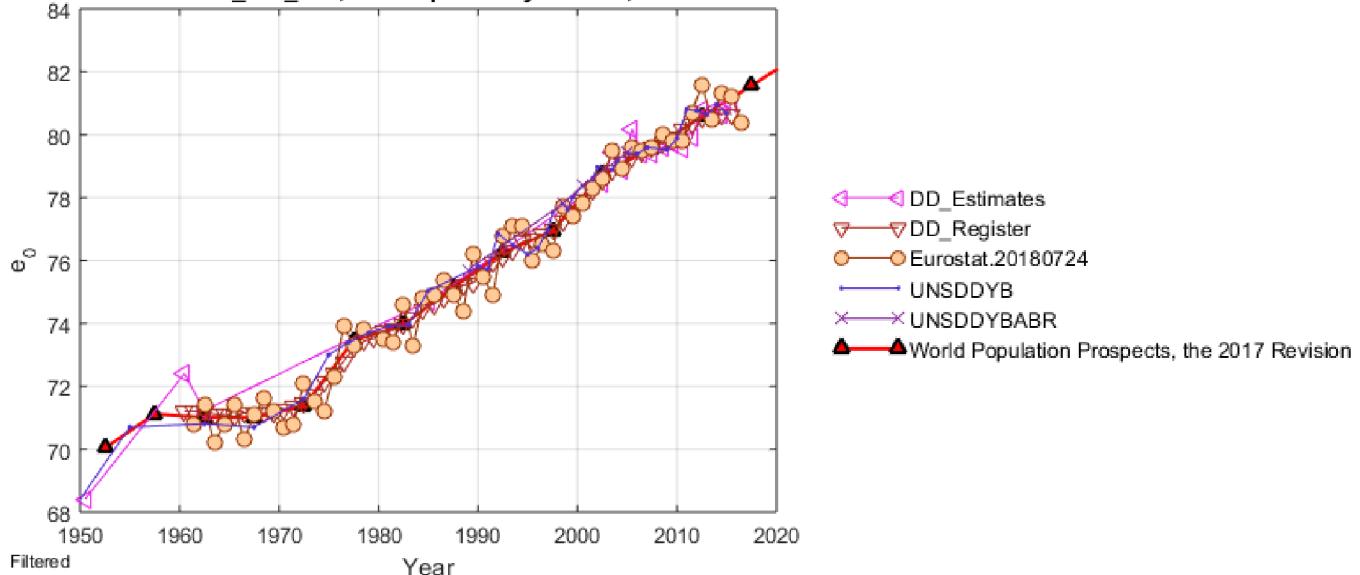
Hungary_HUN_348, Life expectancy at birth, Females



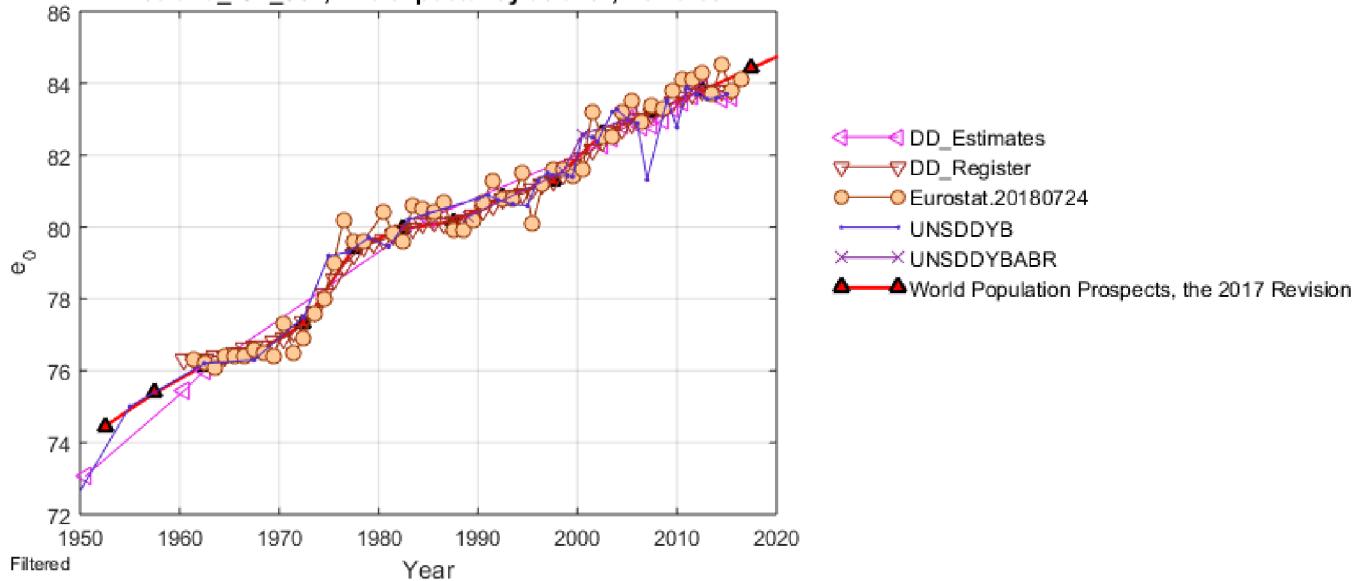
Hungary_HUN_348, Life expectancy at birth



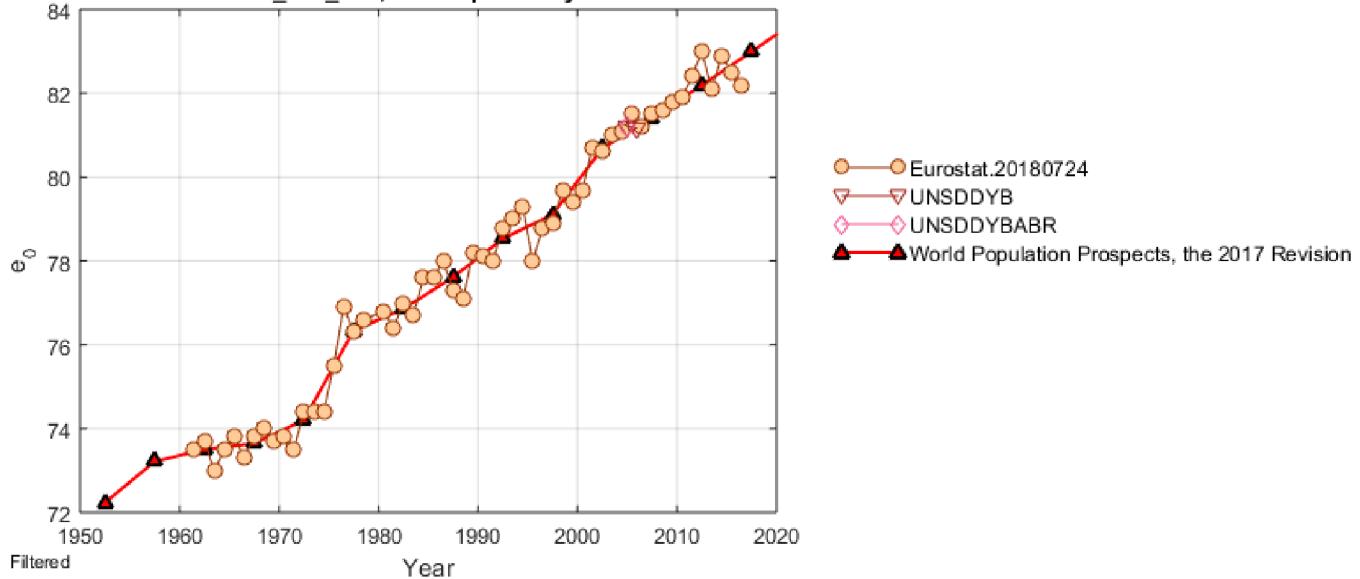
Iceland_ISL_352, Life expectancy at birth, Males



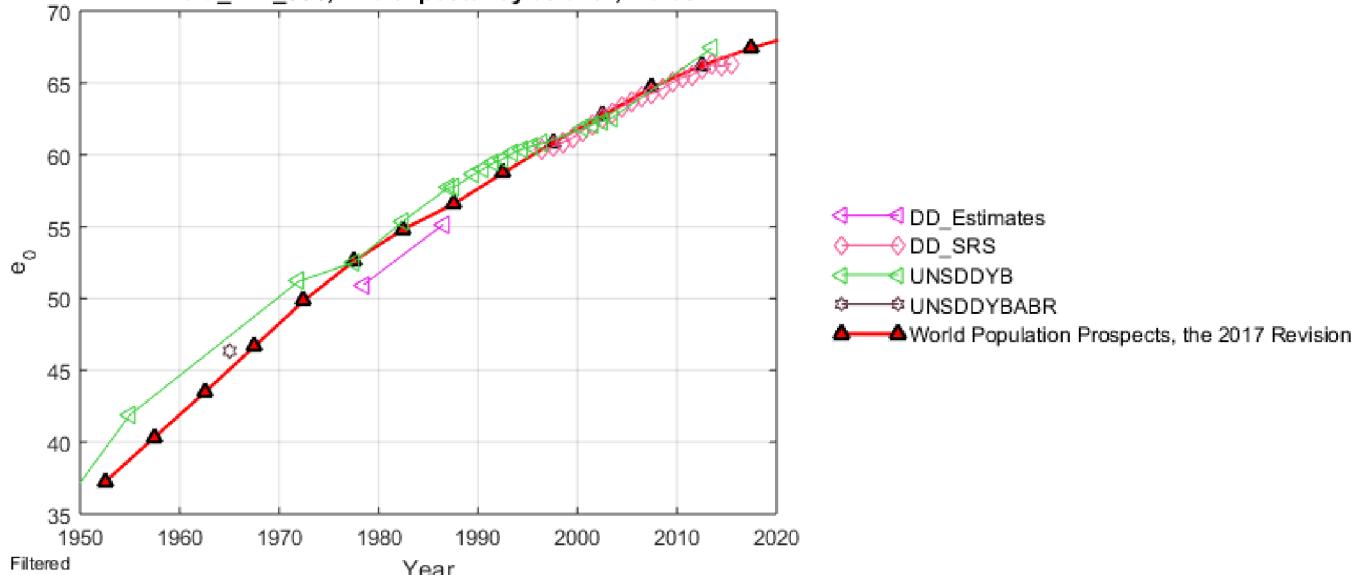
Iceland_ISL_352, Life expectancy at birth, Females



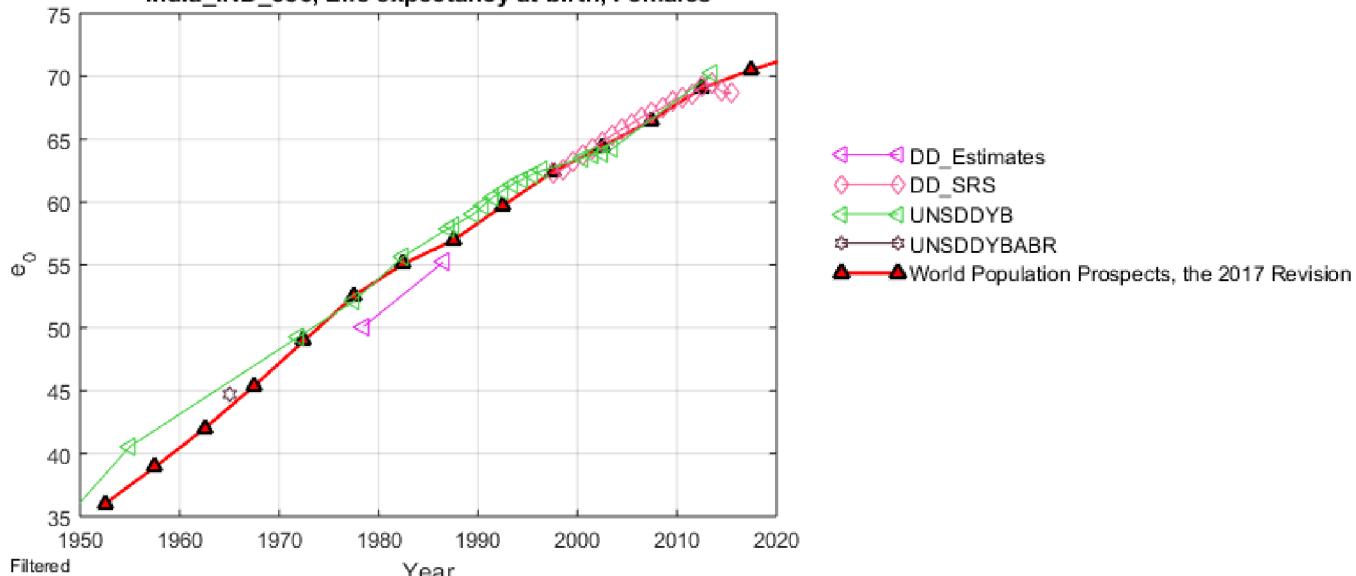
Iceland_ISL_352, Life expectancy at birth



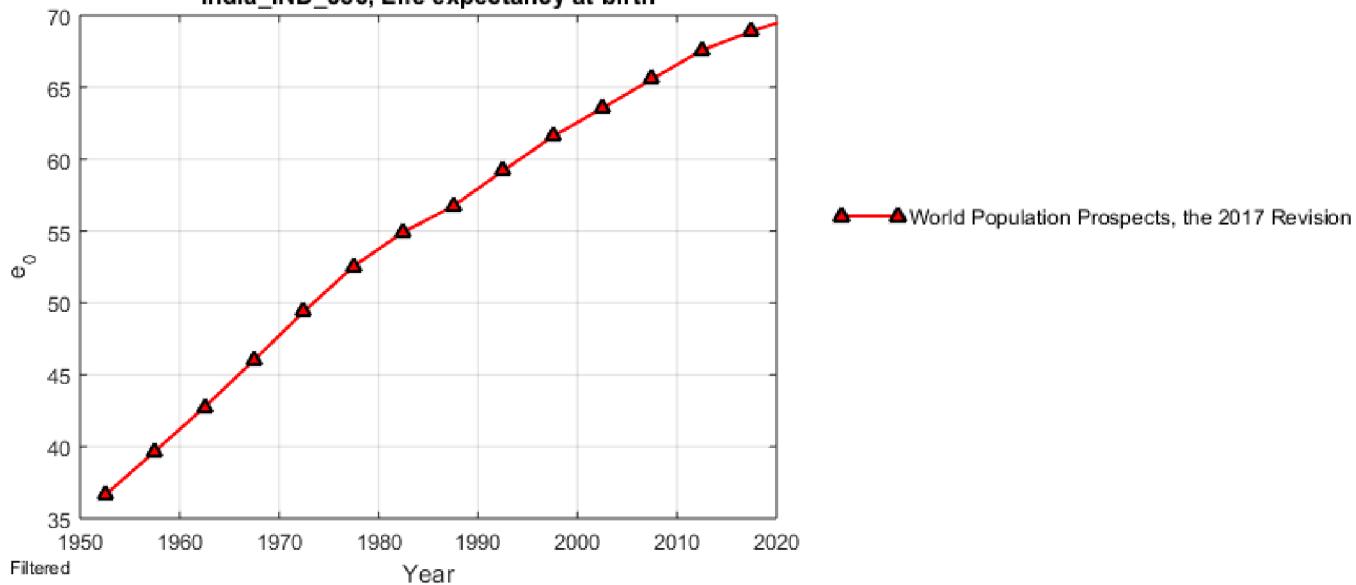
India_IND_356, Life expectancy at birth, Males



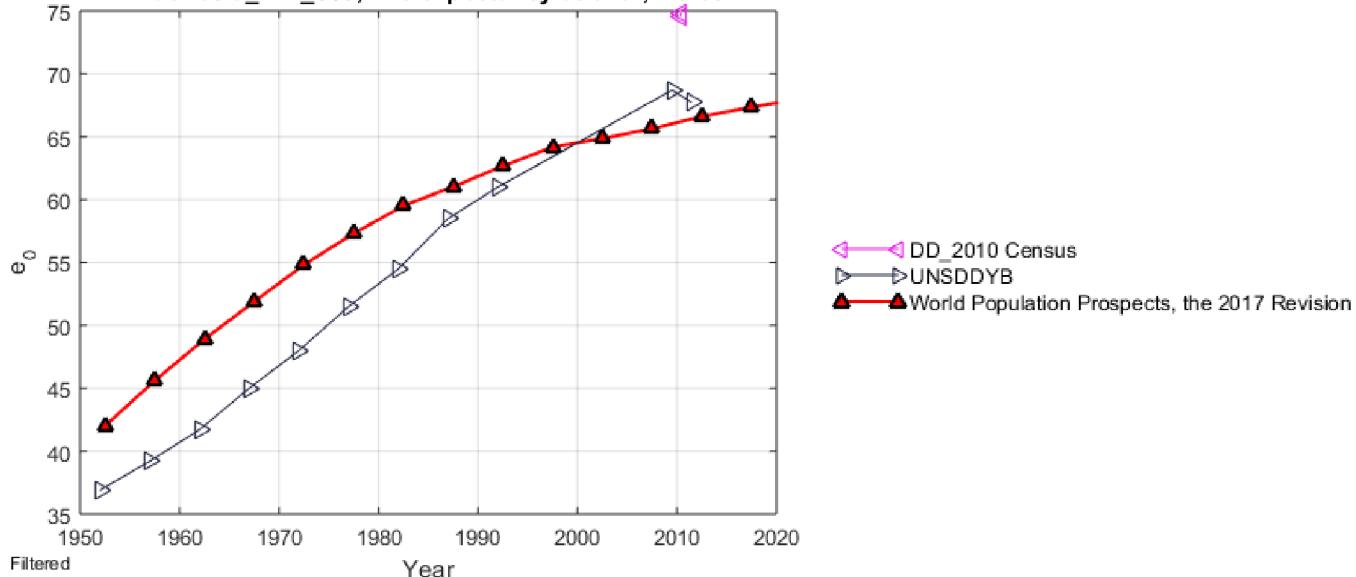
India_IND_356, Life expectancy at birth, Females



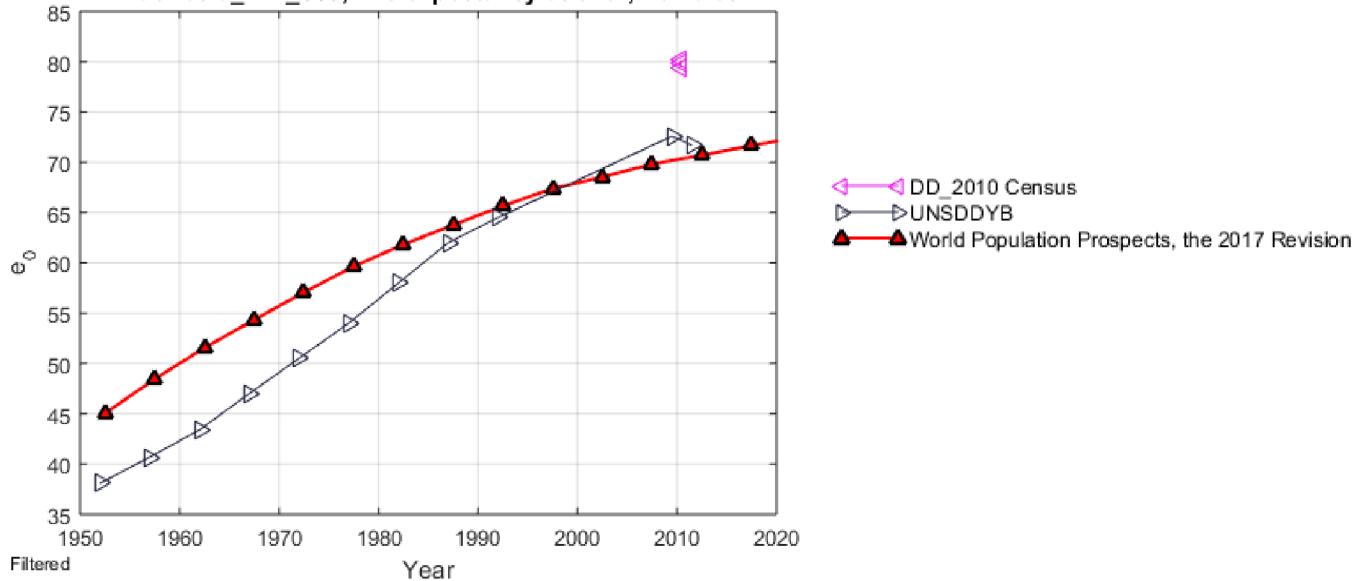
India_IND_356, Life expectancy at birth



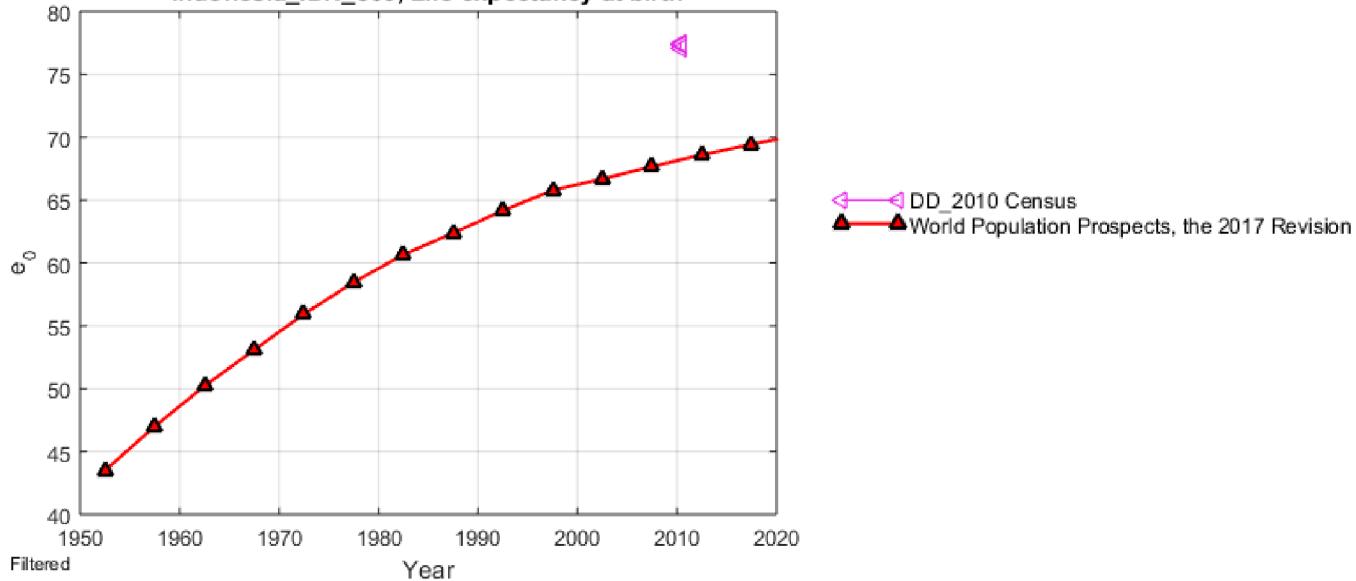
Indonesia_IDN_360, Life expectancy at birth, Males



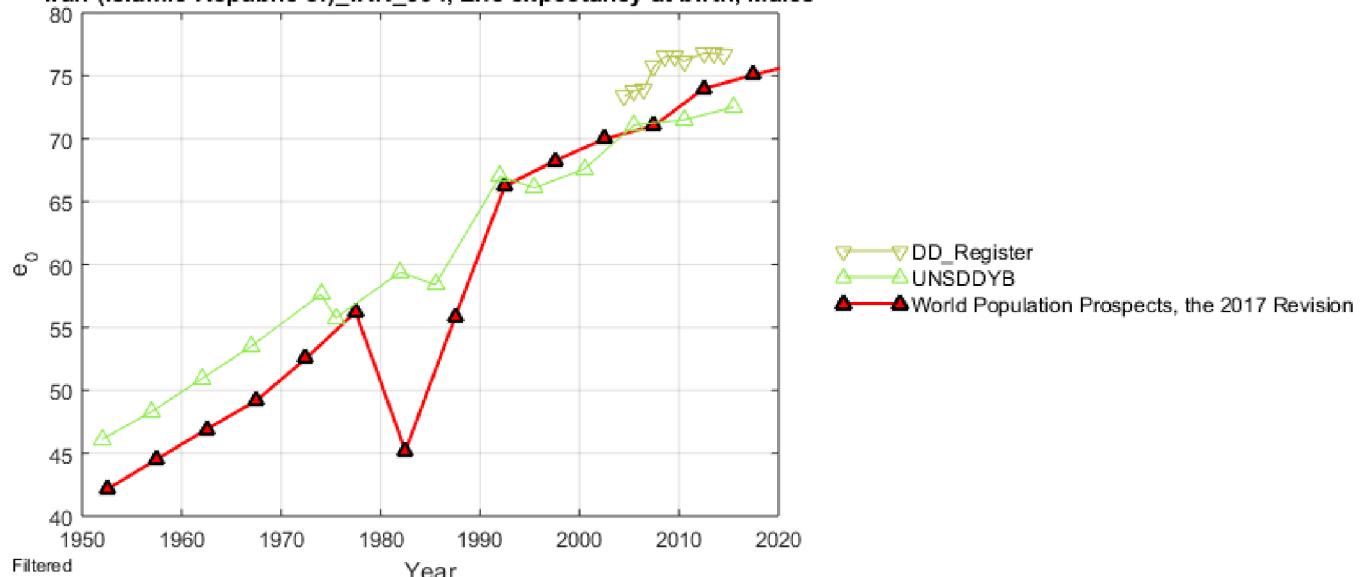
Indonesia_IDN_360, Life expectancy at birth, Females



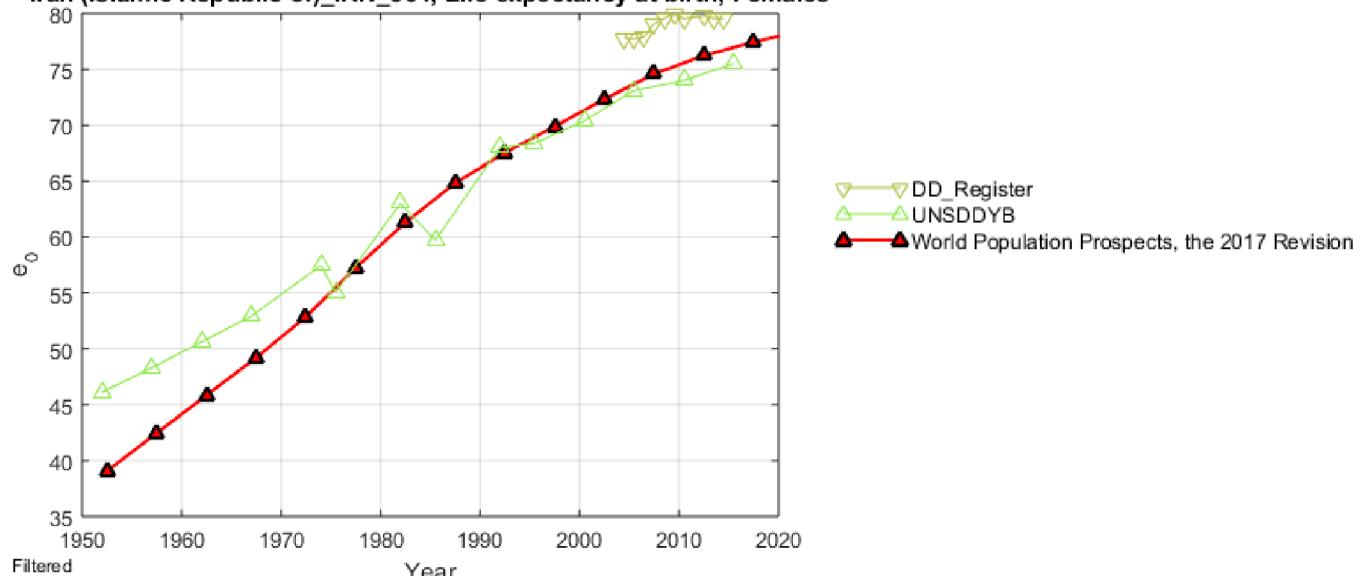
Indonesia_IDN_360, Life expectancy at birth



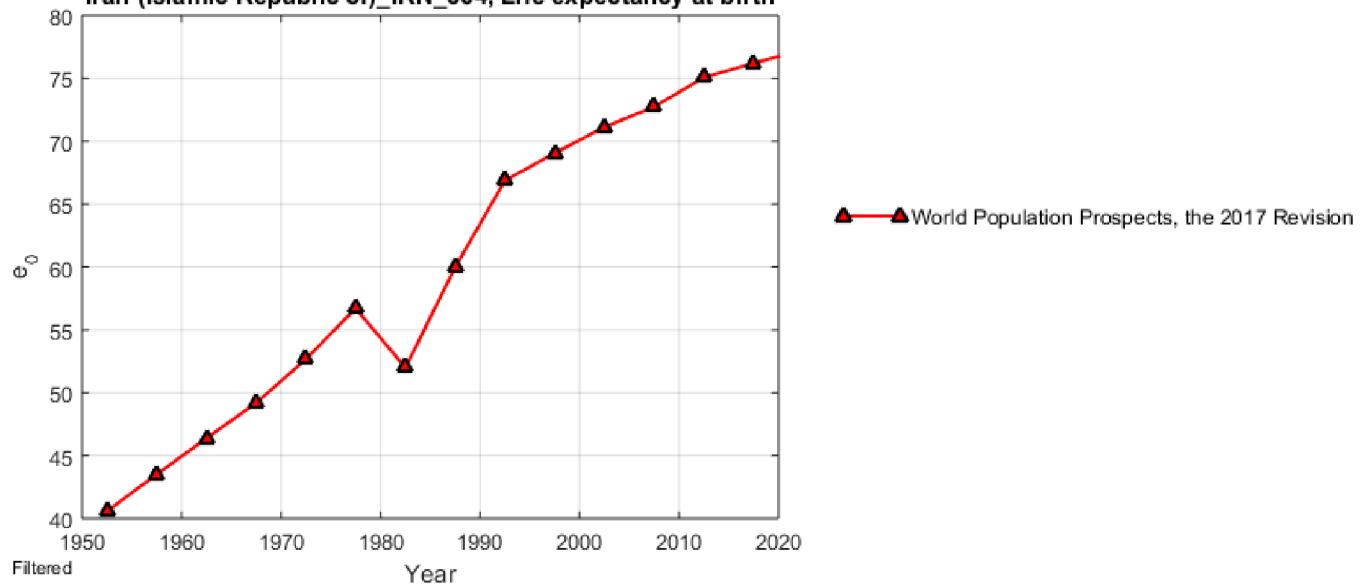
Iran (Islamic Republic of)_IRN_364, Life expectancy at birth, Males

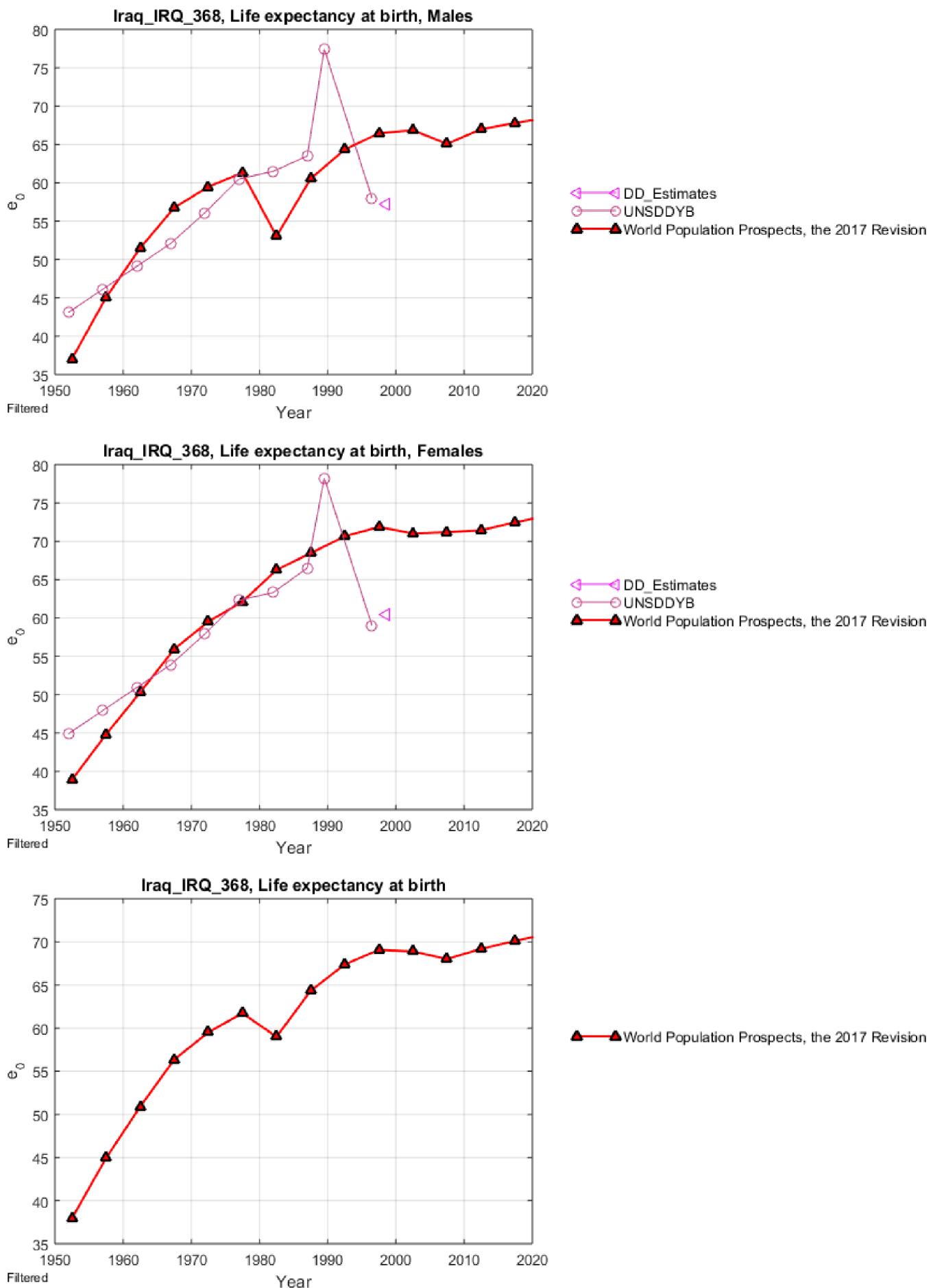


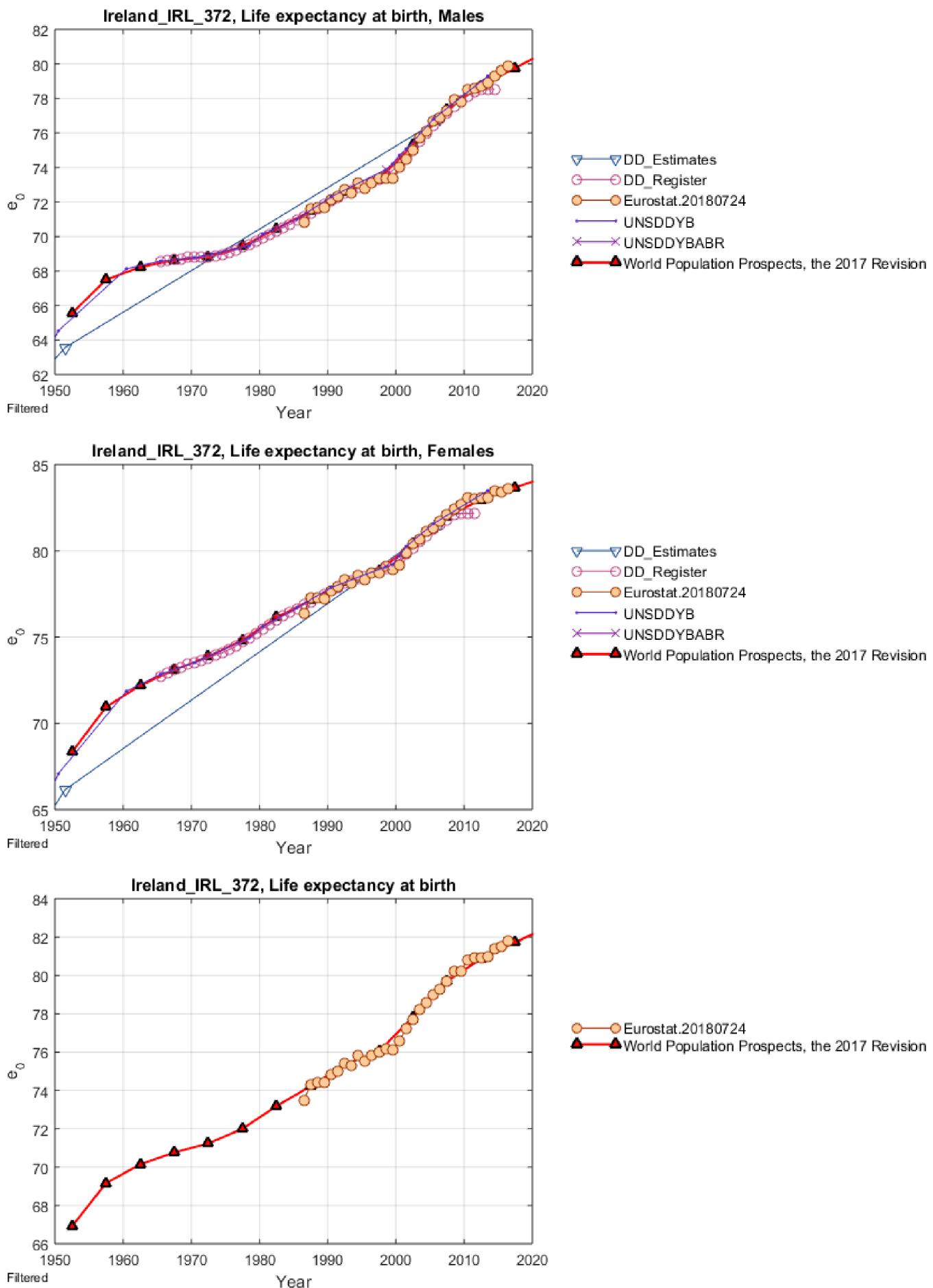
Iran (Islamic Republic of)_IRN_364, Life expectancy at birth, Females

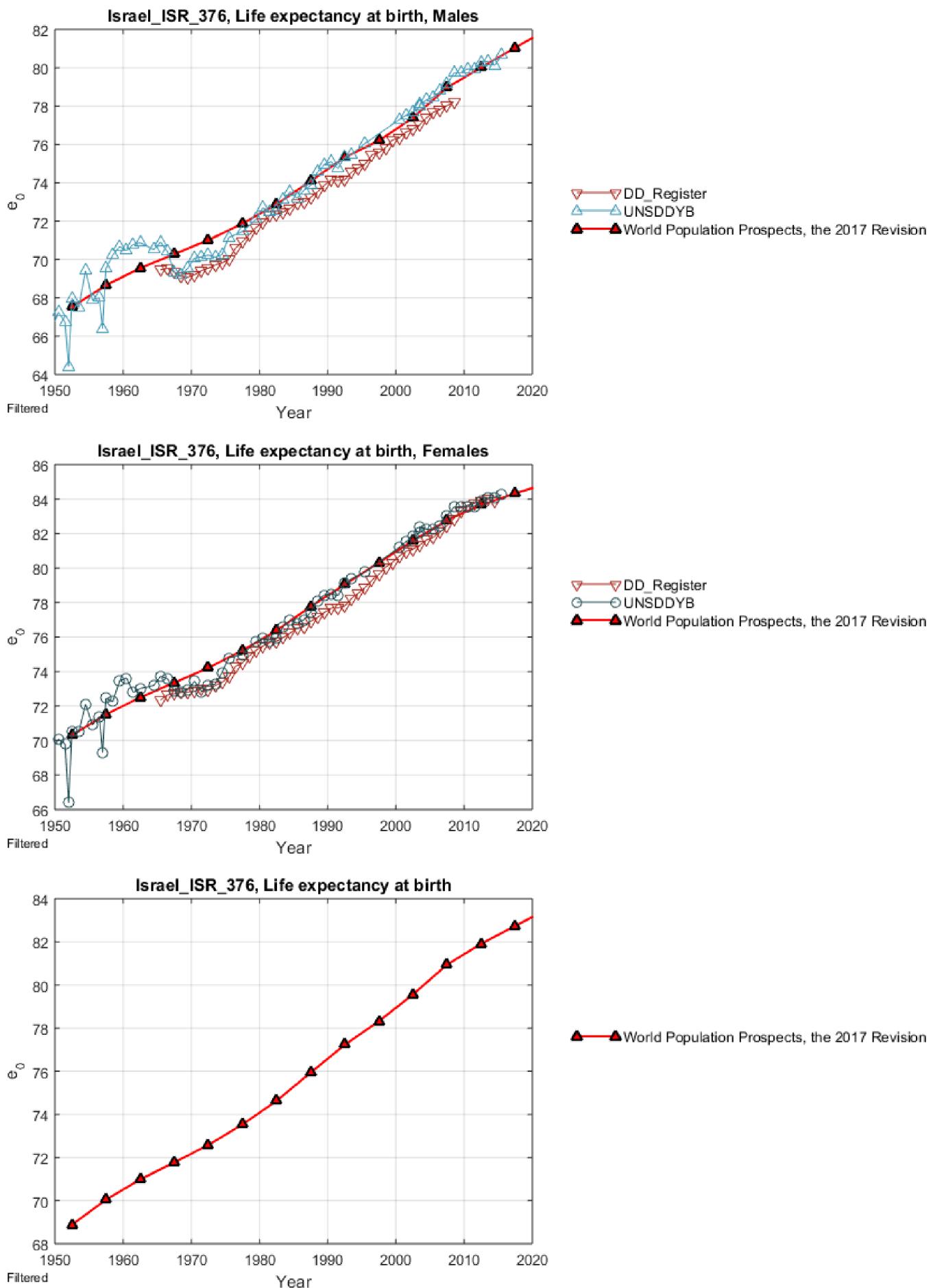


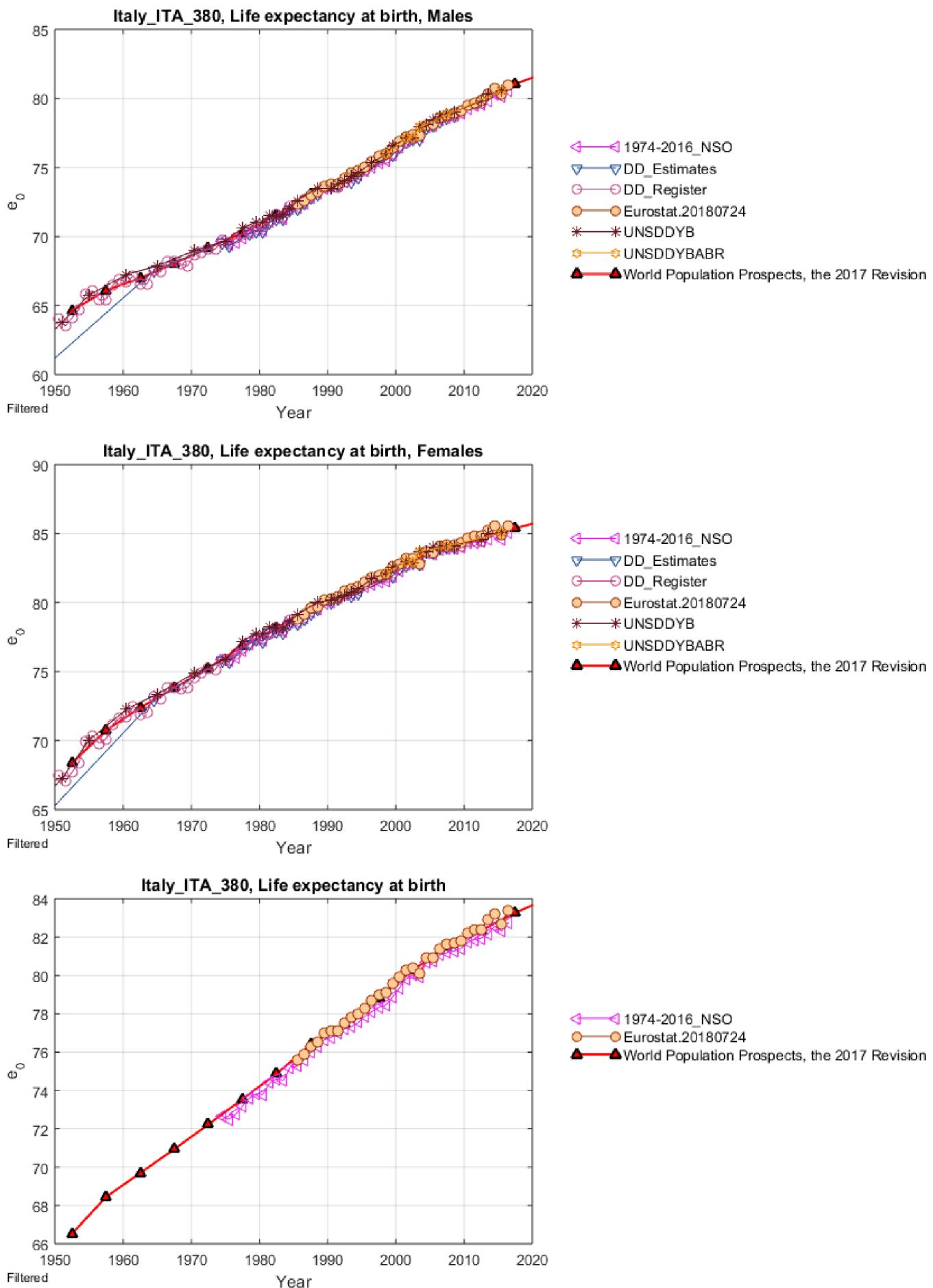
Iran (Islamic Republic of)_IRN_364, Life expectancy at birth

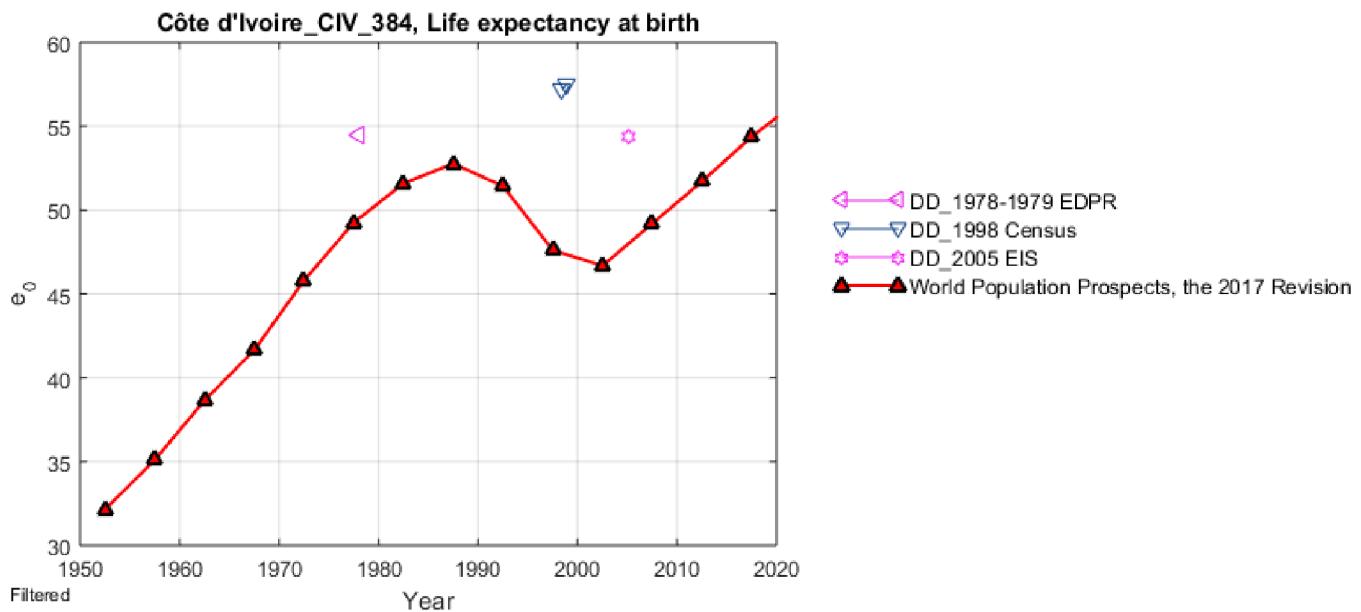
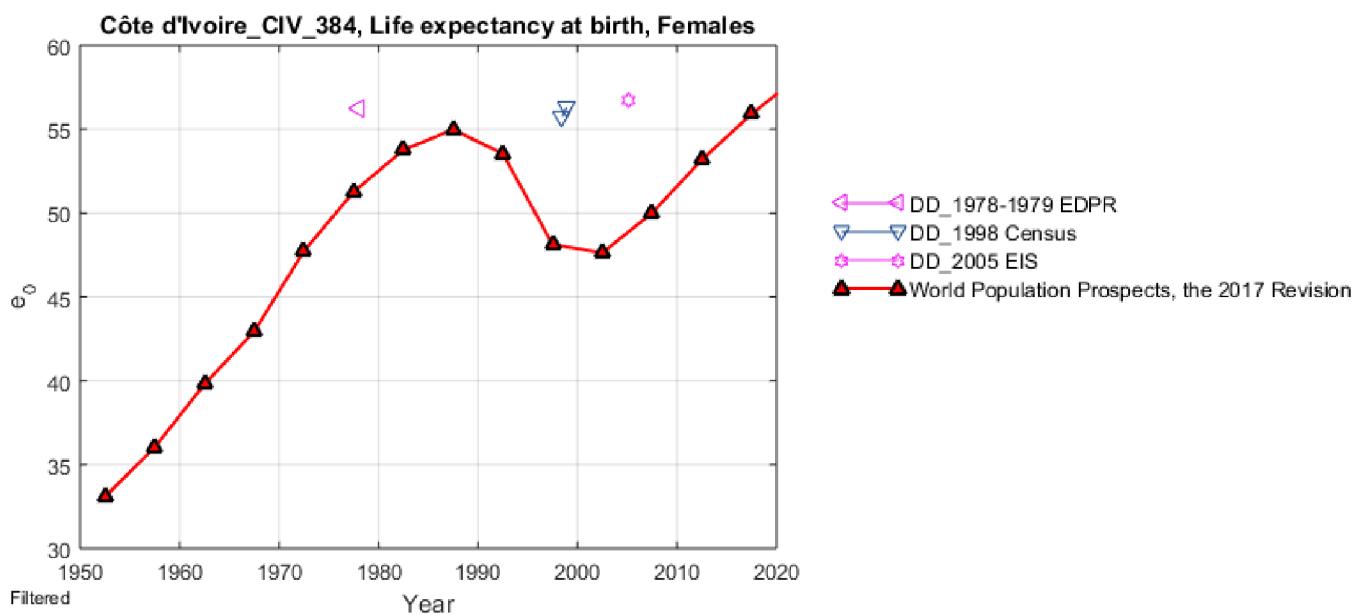
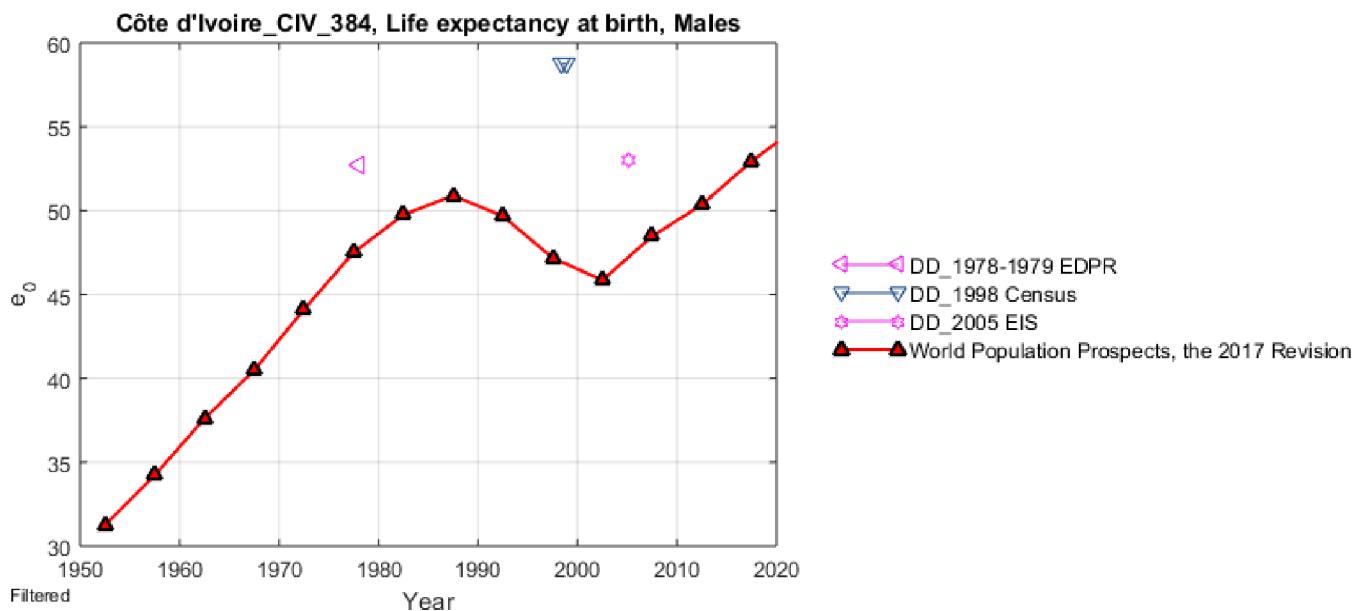




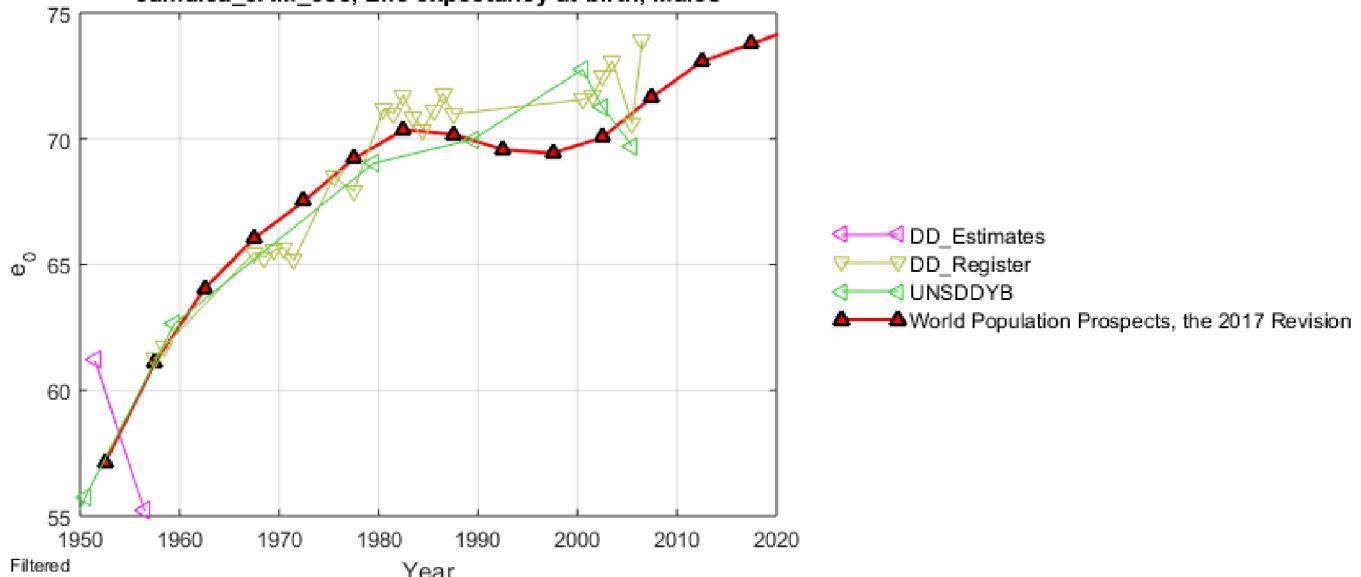




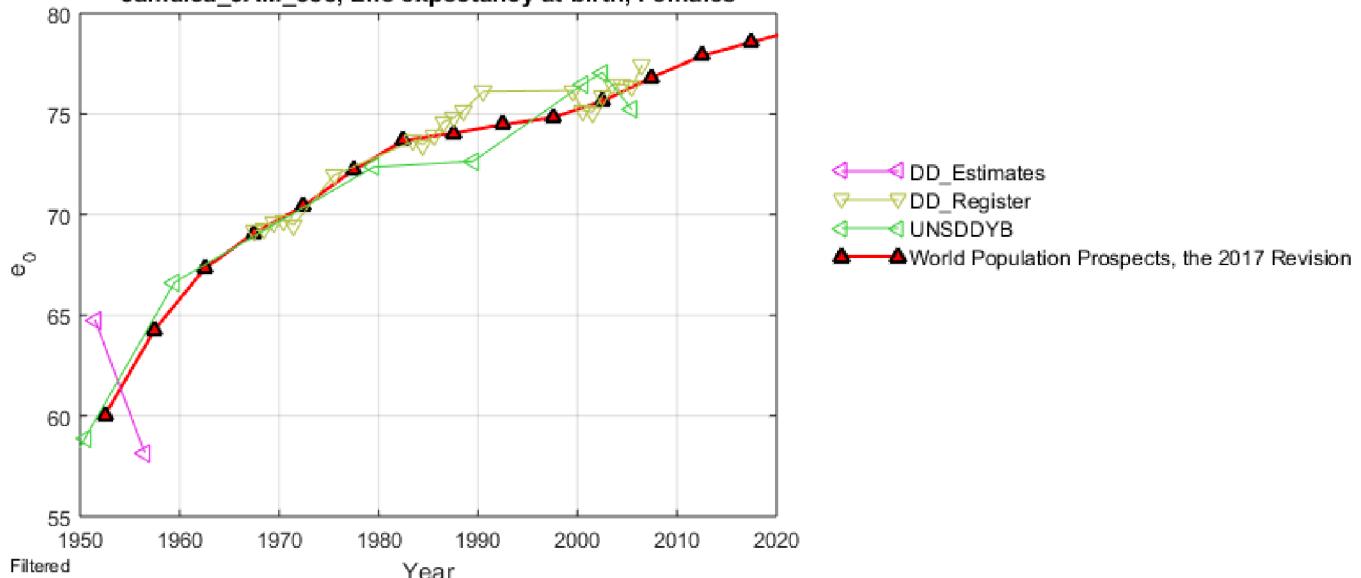




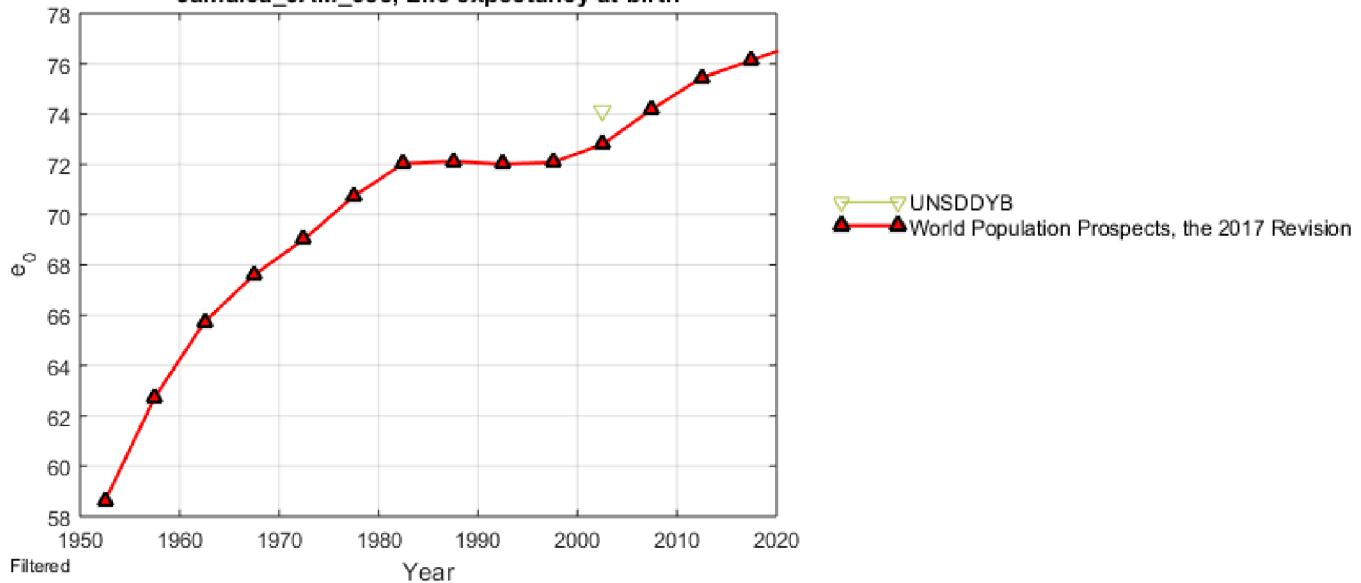
Jamaica_JAM_388, Life expectancy at birth, Males

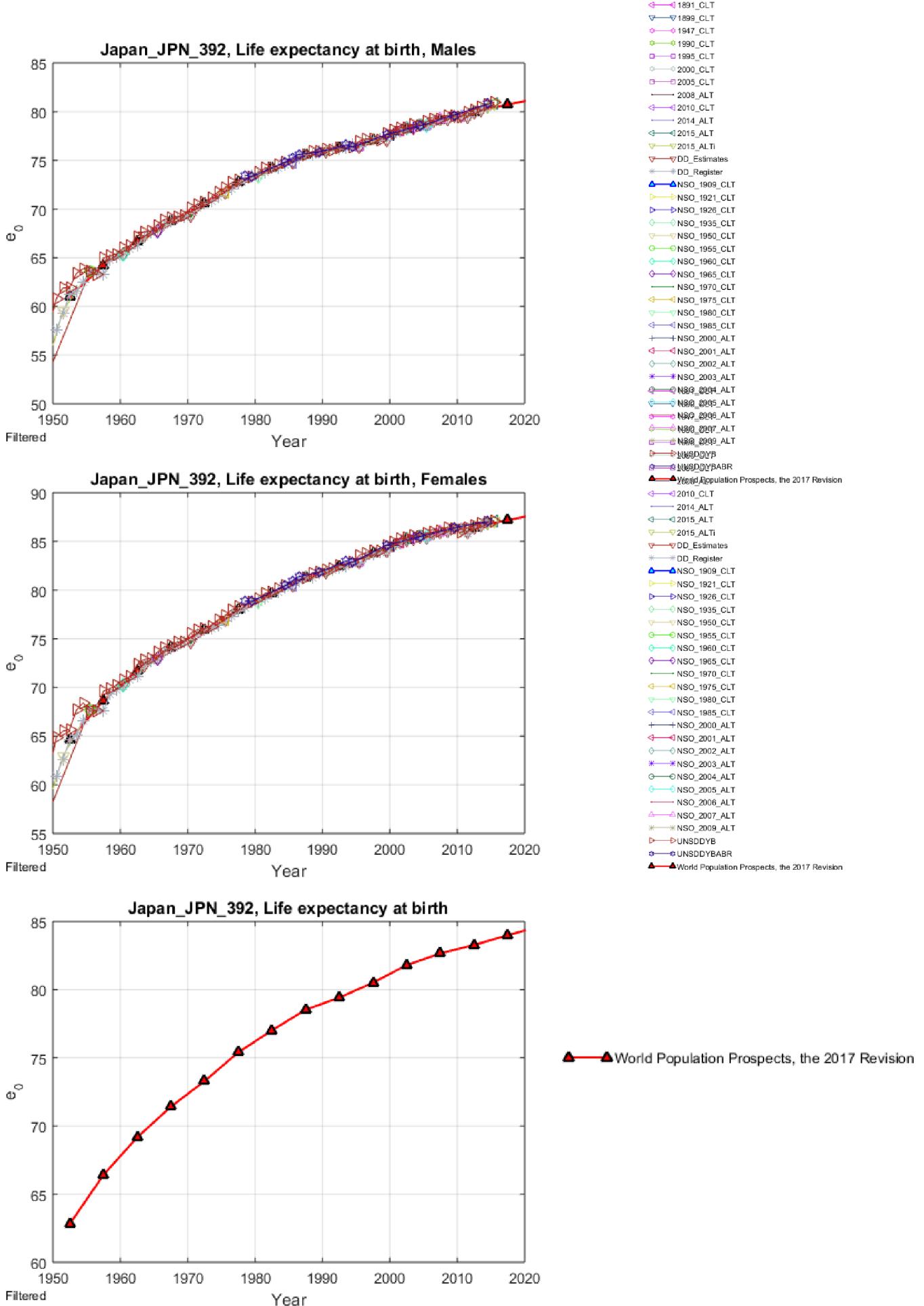


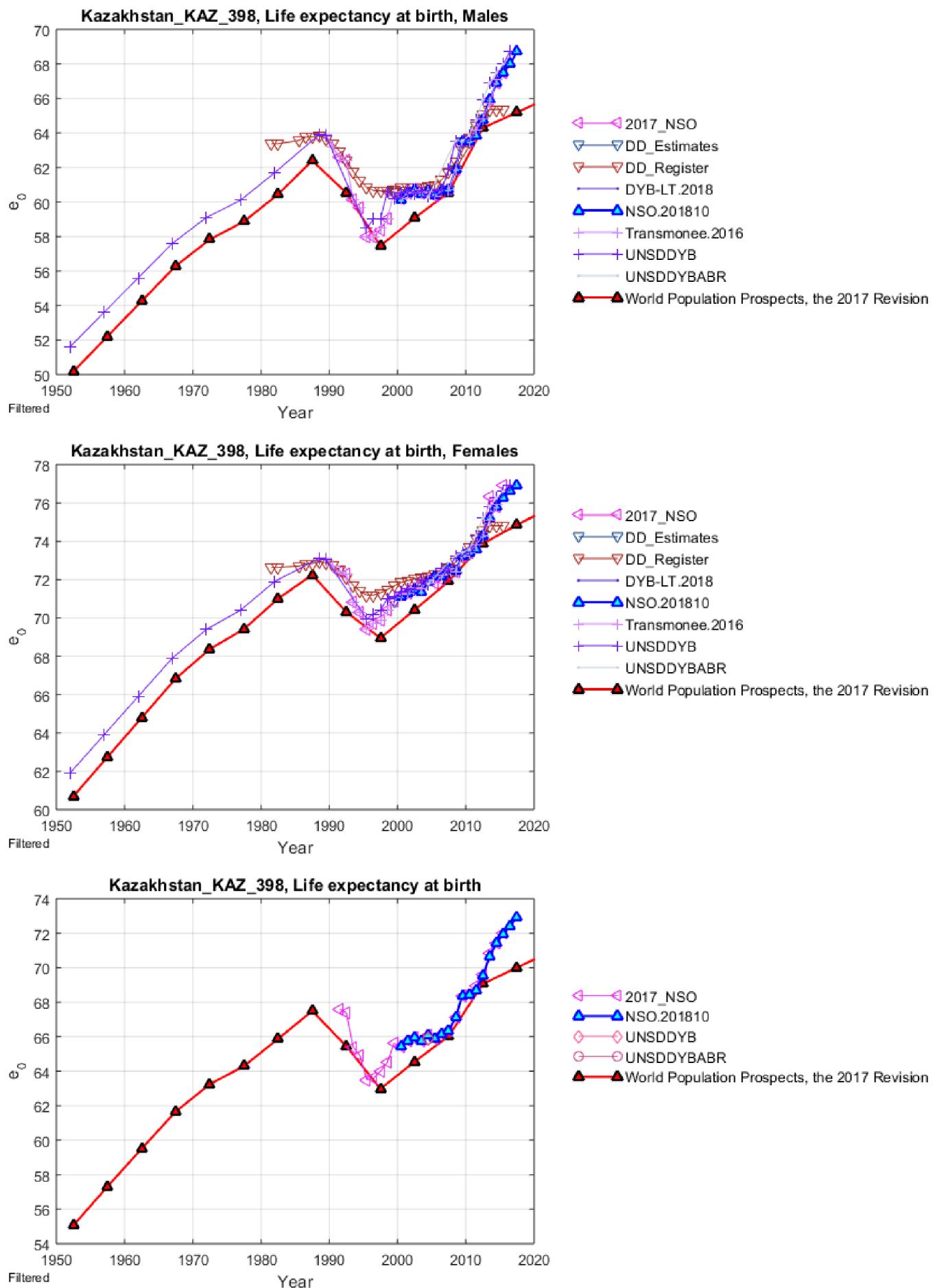
Jamaica_JAM_388, Life expectancy at birth, Females

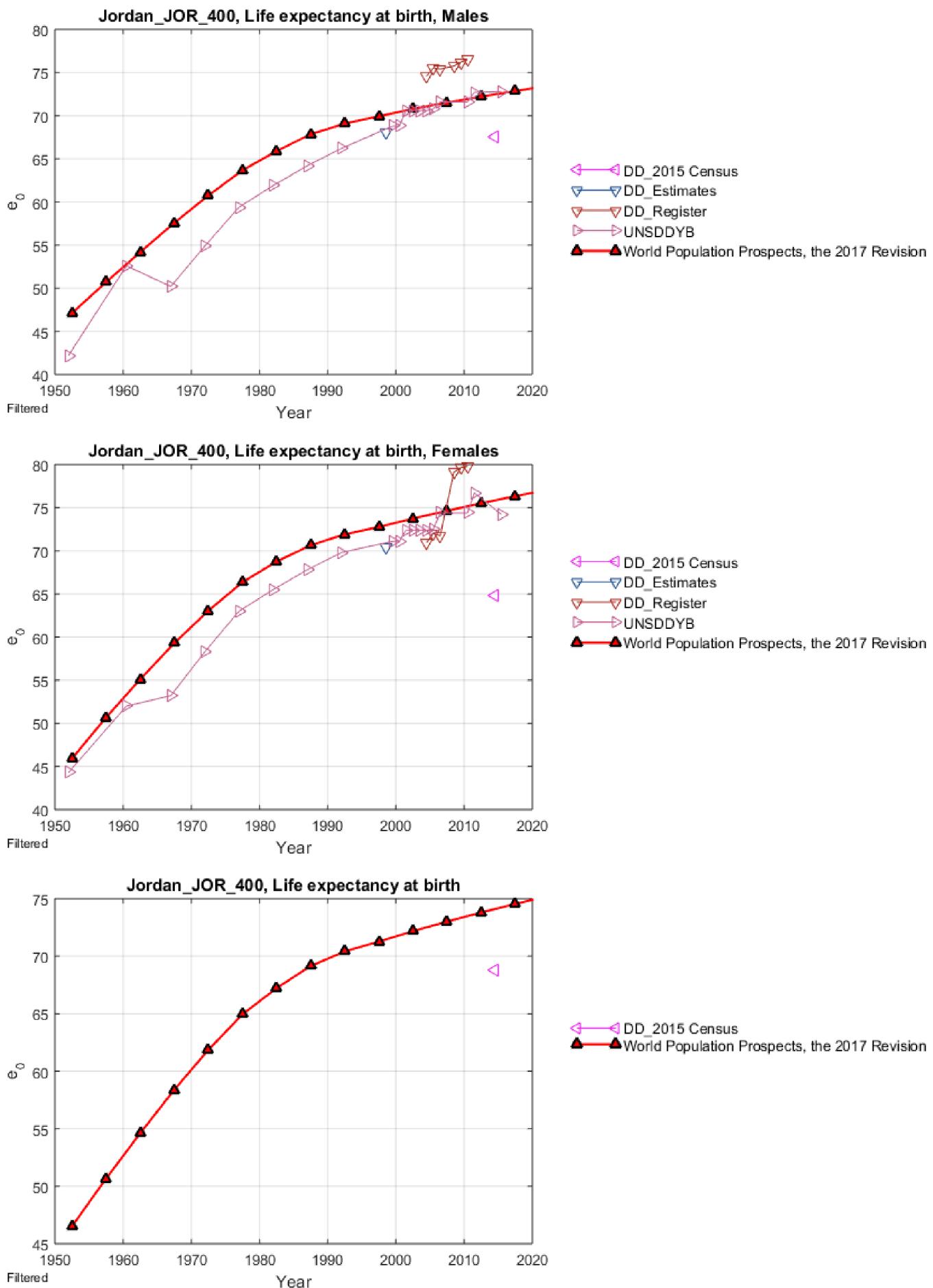


Jamaica_JAM_388, Life expectancy at birth

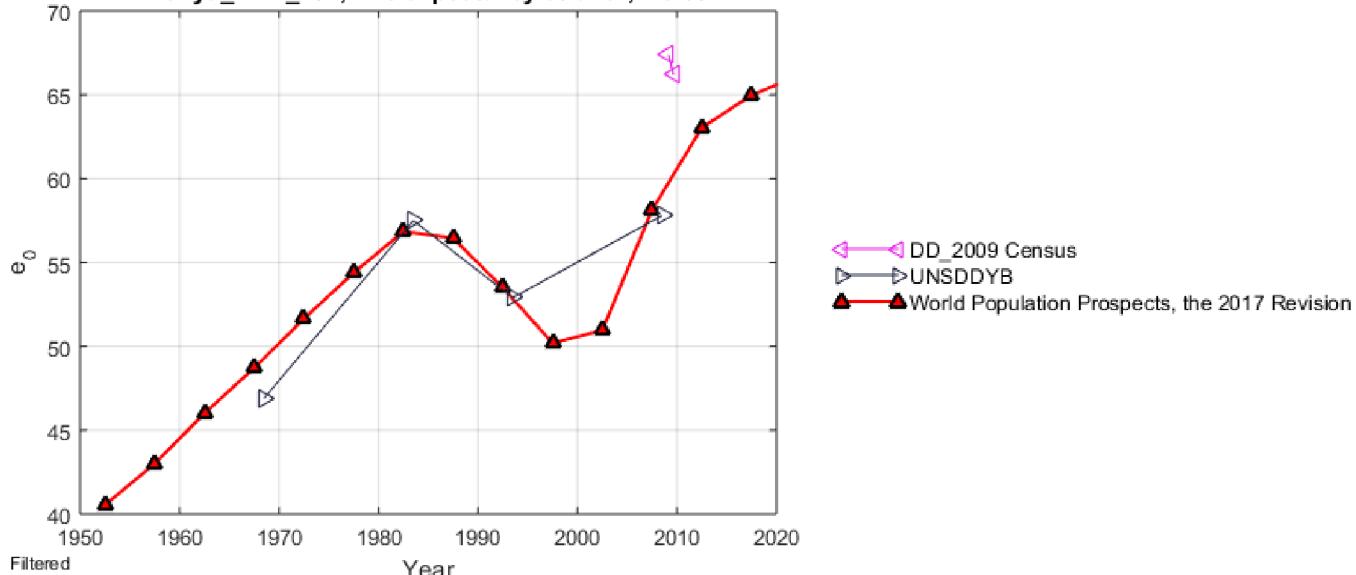




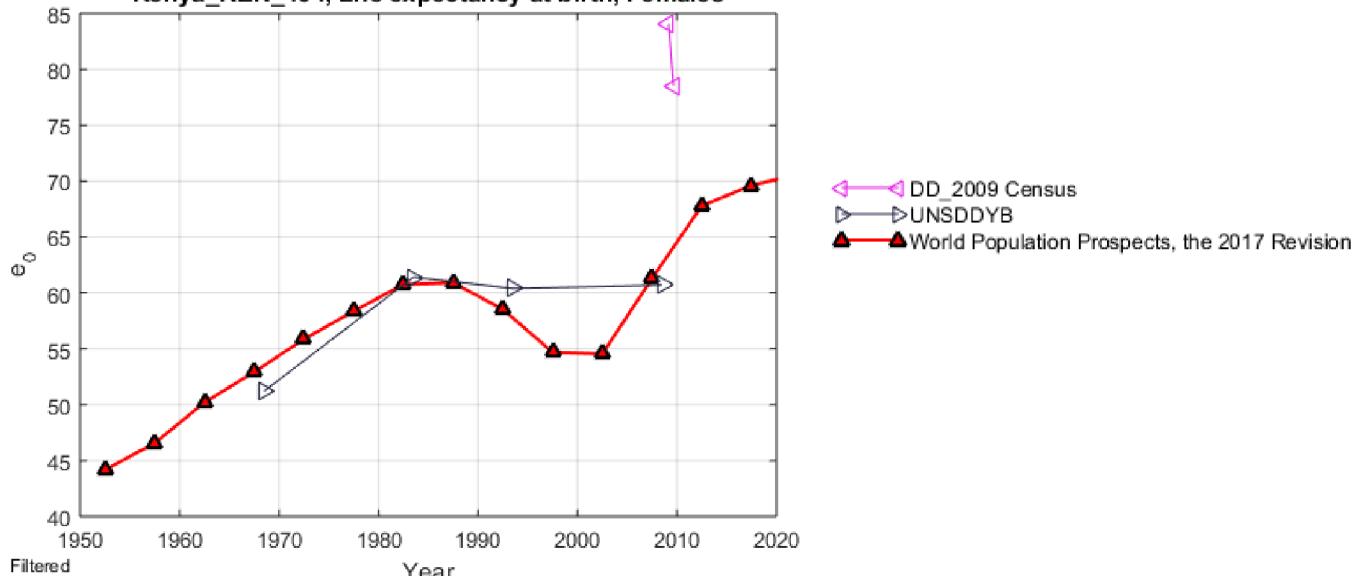




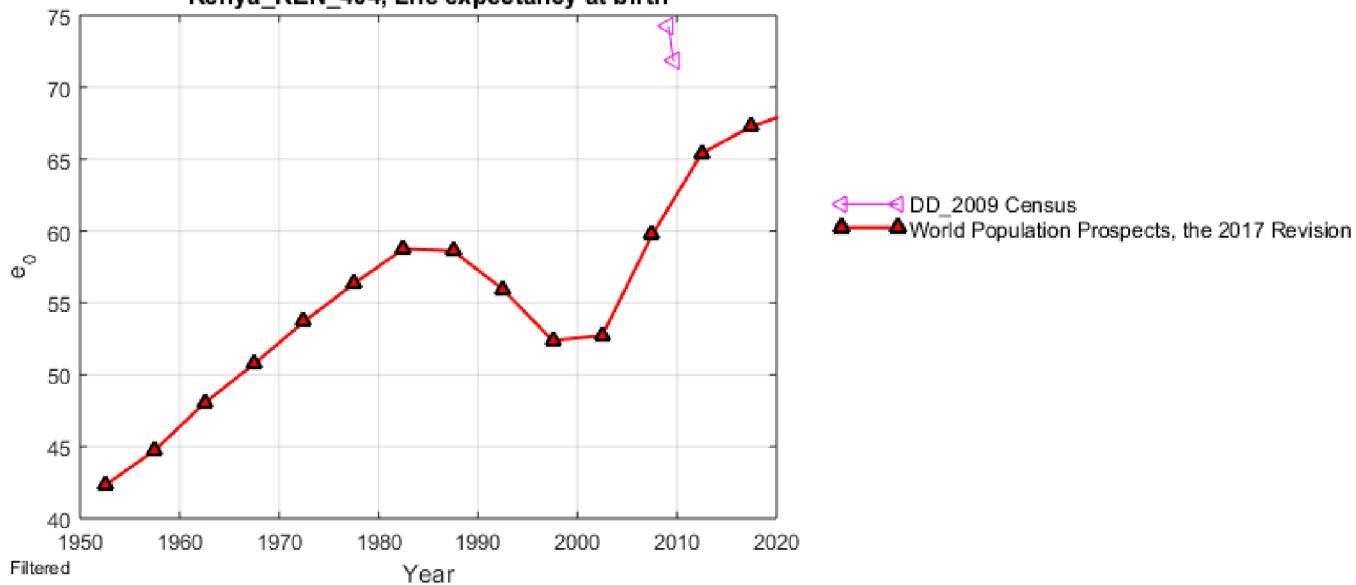
Kenya_KEN_404, Life expectancy at birth, Males



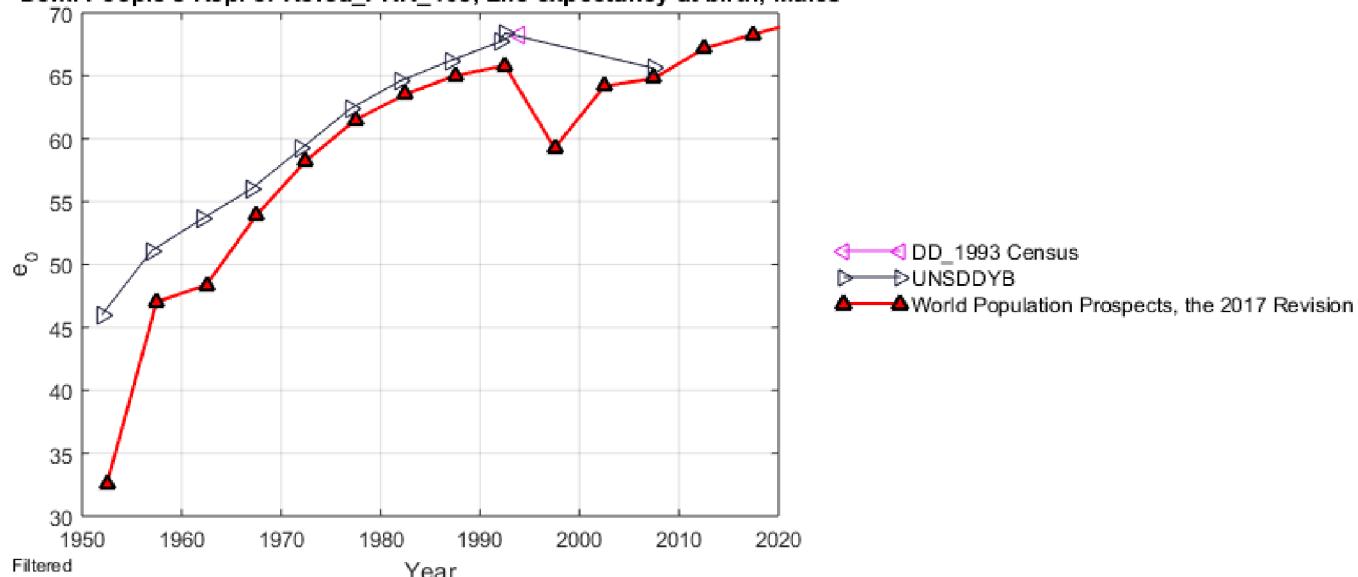
Kenya_KEN_404, Life expectancy at birth, Females



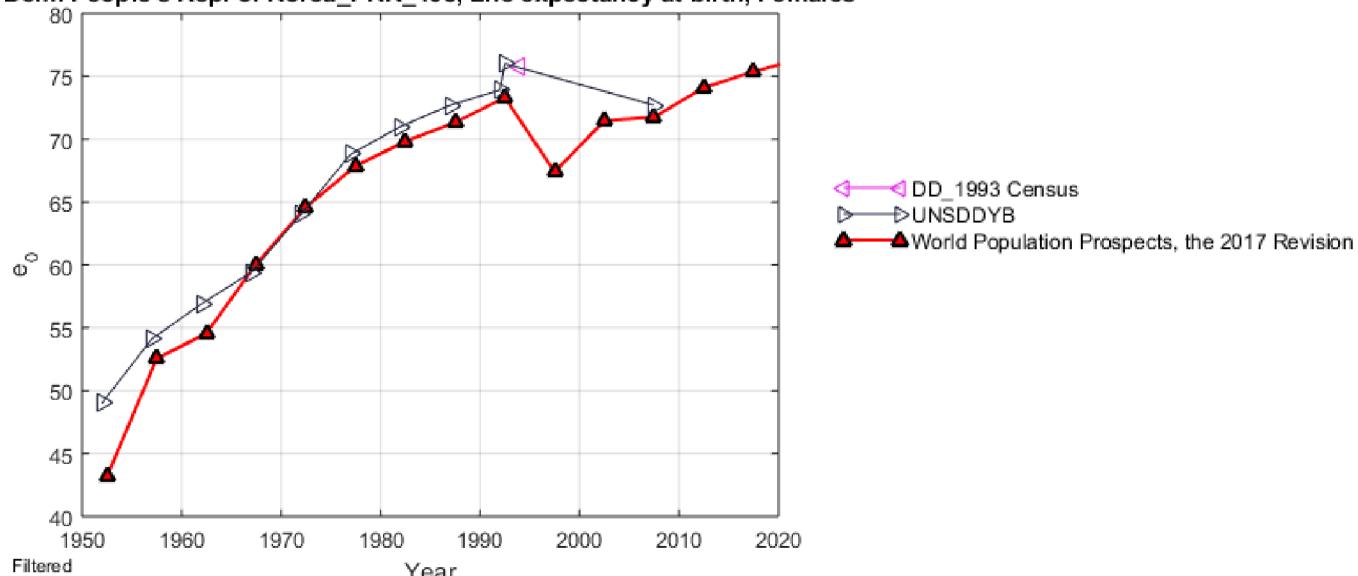
Kenya_KEN_404, Life expectancy at birth



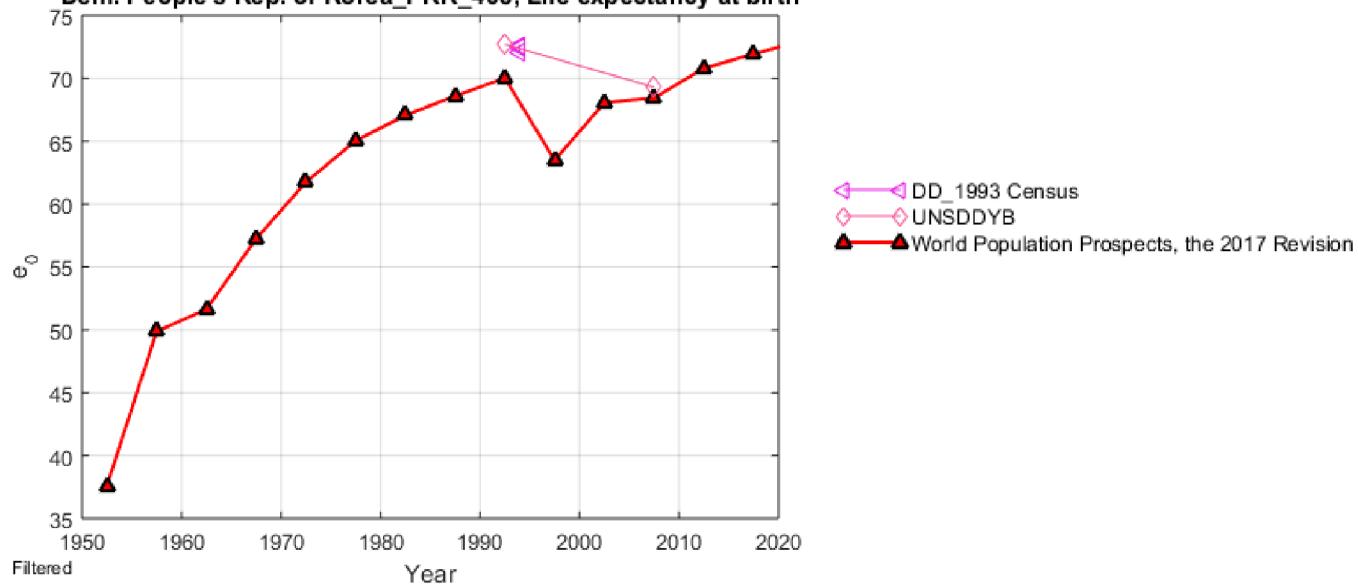
Dem. People's Rep. of Korea_PRK_408, Life expectancy at birth, Males

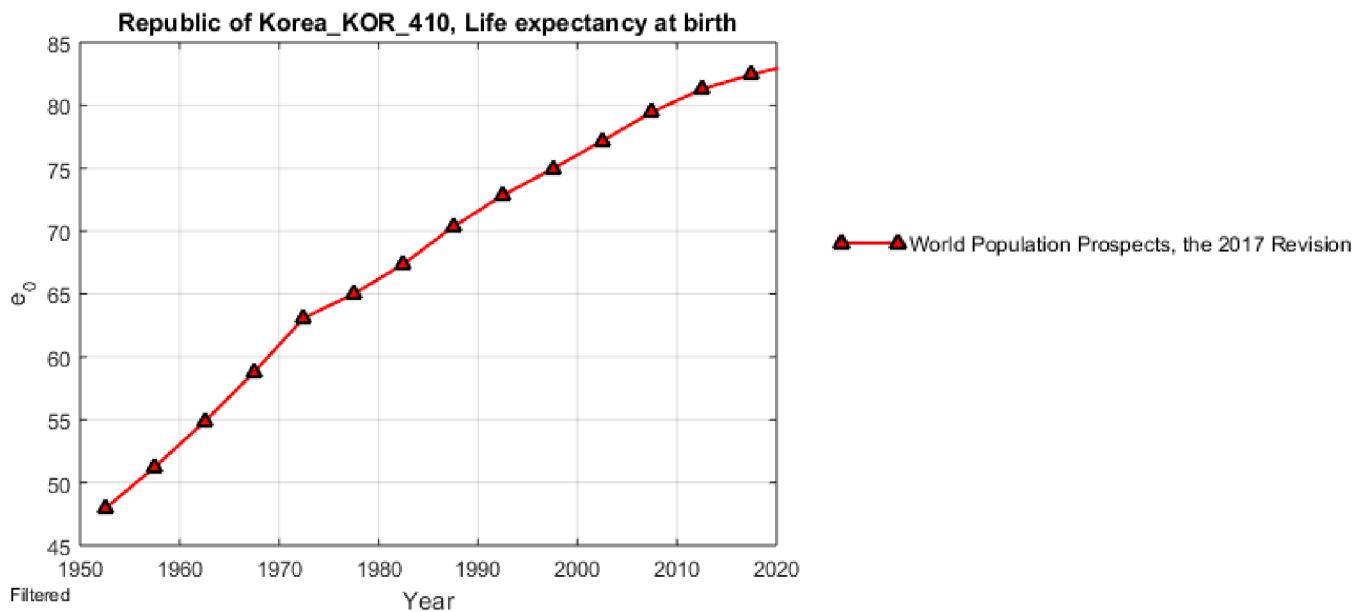
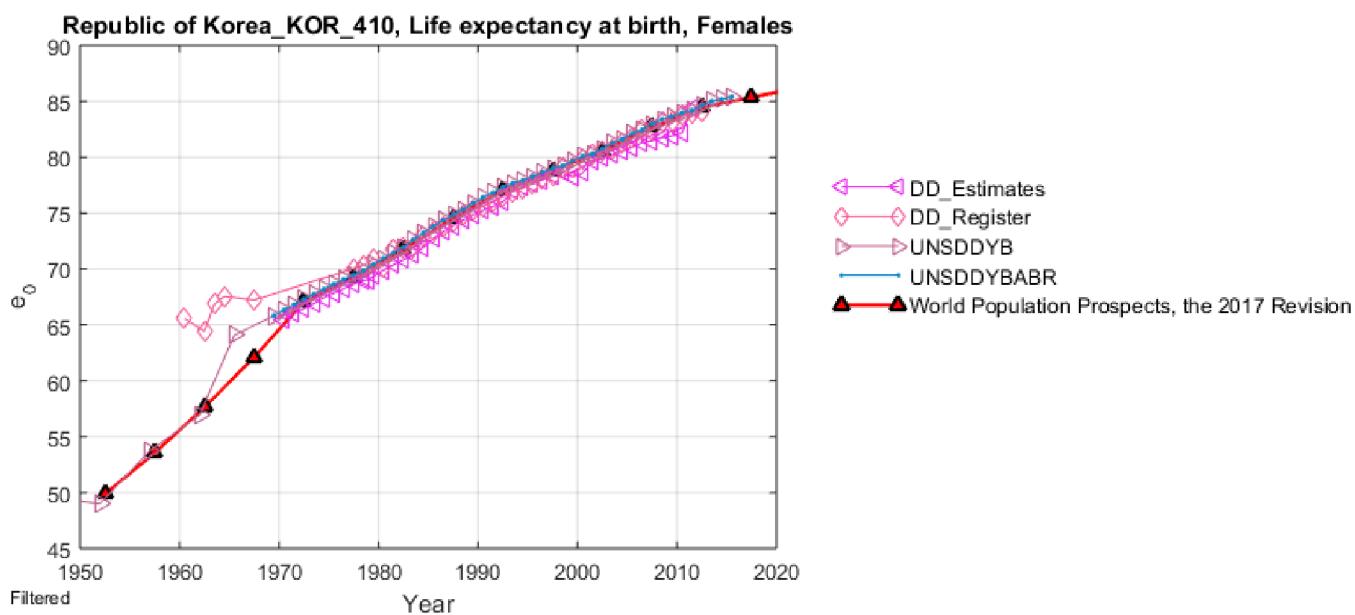
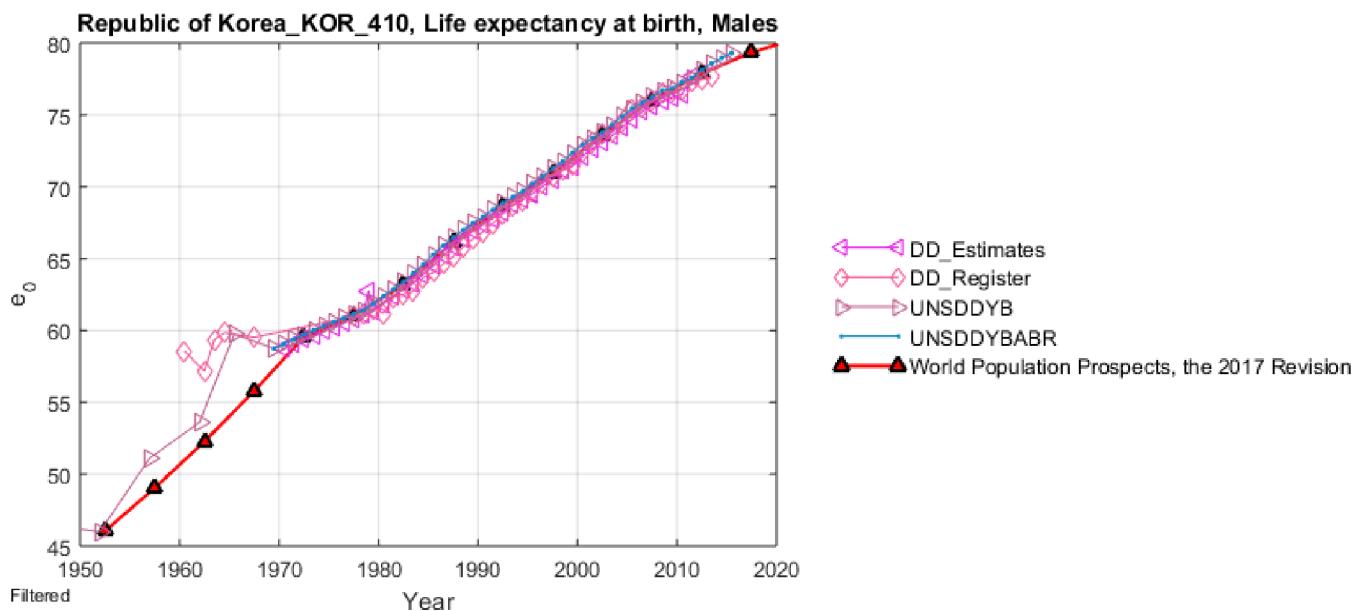


Dem. People's Rep. of Korea_PRK_408, Life expectancy at birth, Females

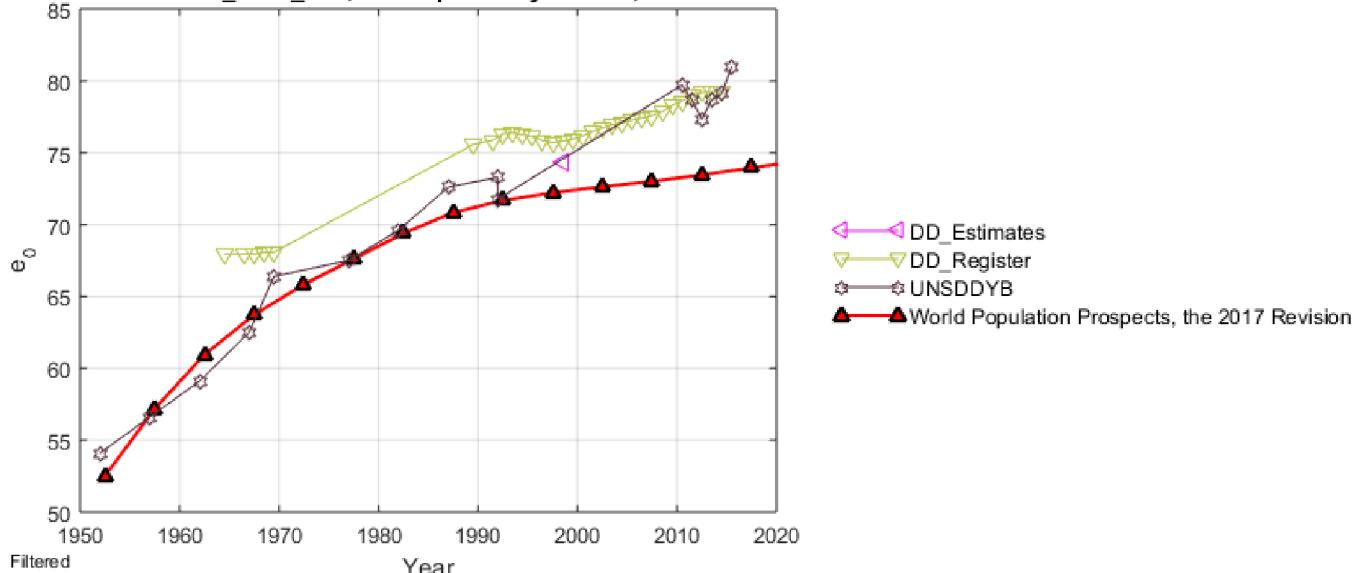


Dem. People's Rep. of Korea_PRK_408, Life expectancy at birth

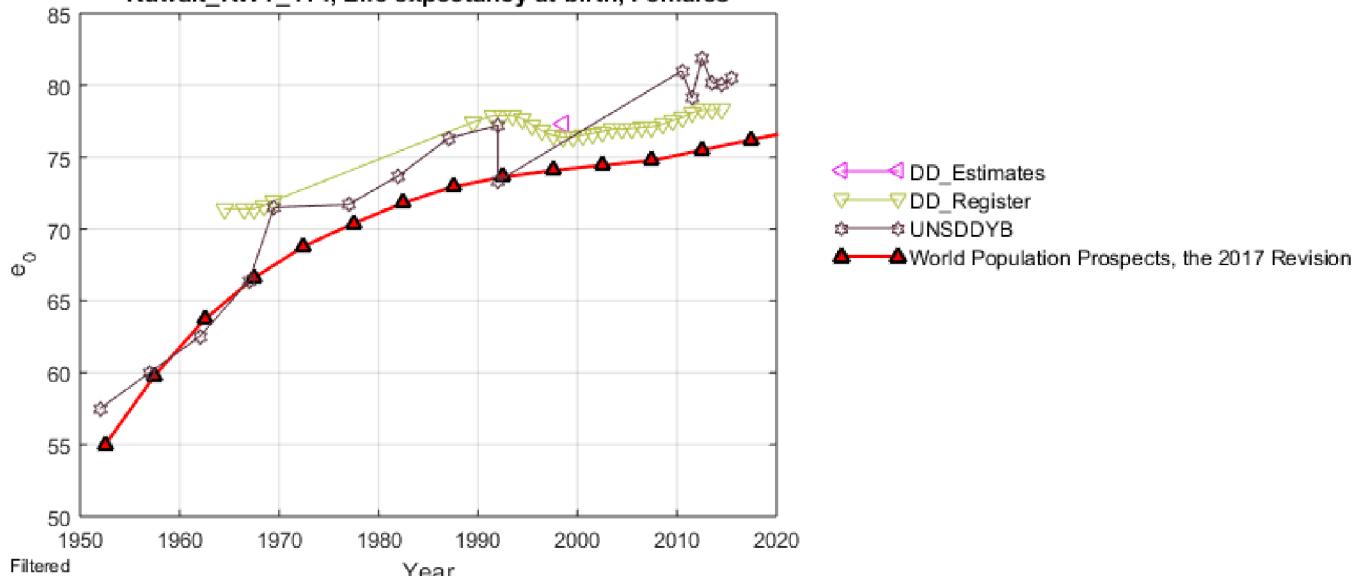




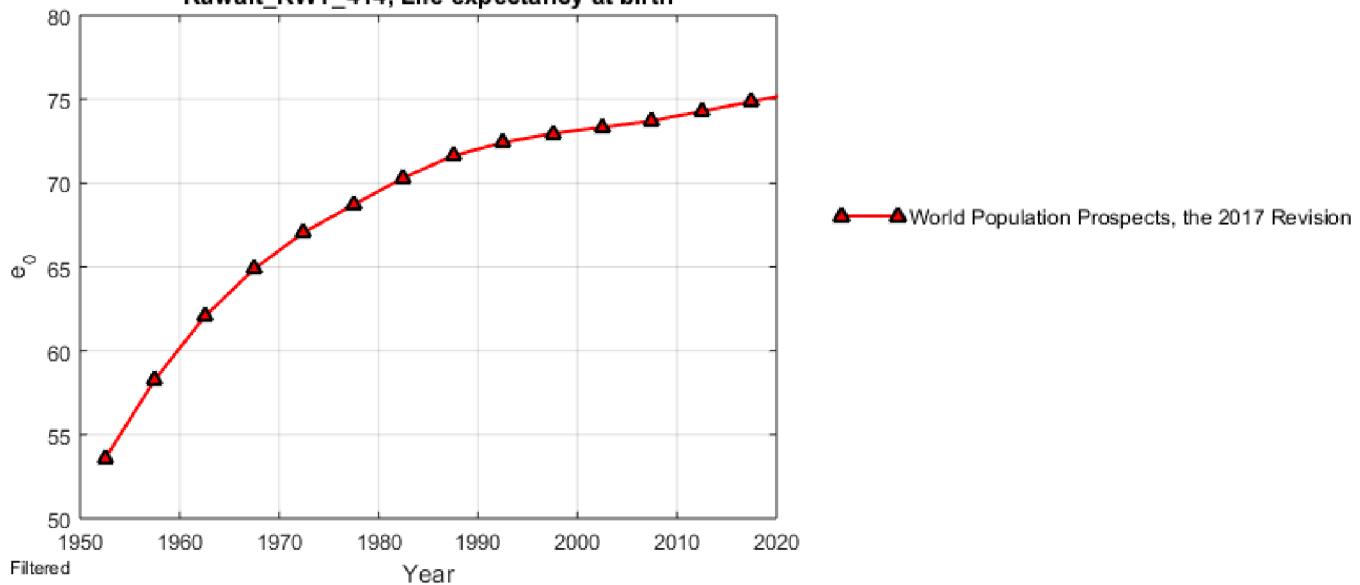
Kuwait_KWT_414, Life expectancy at birth, Males

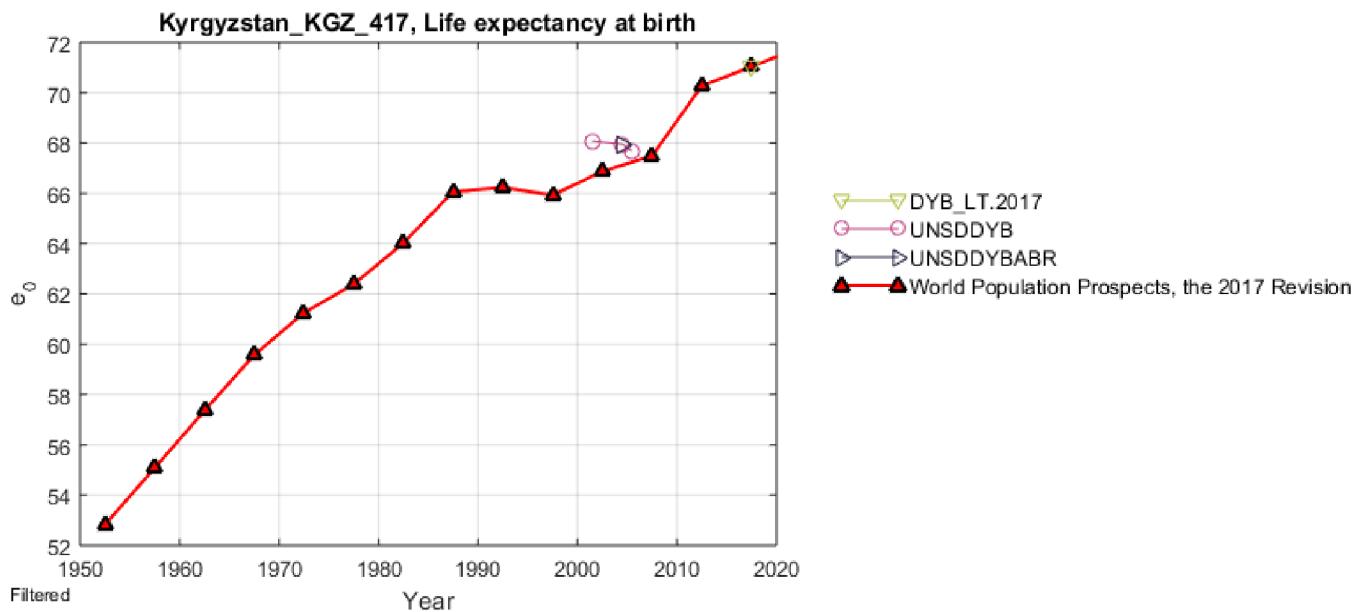
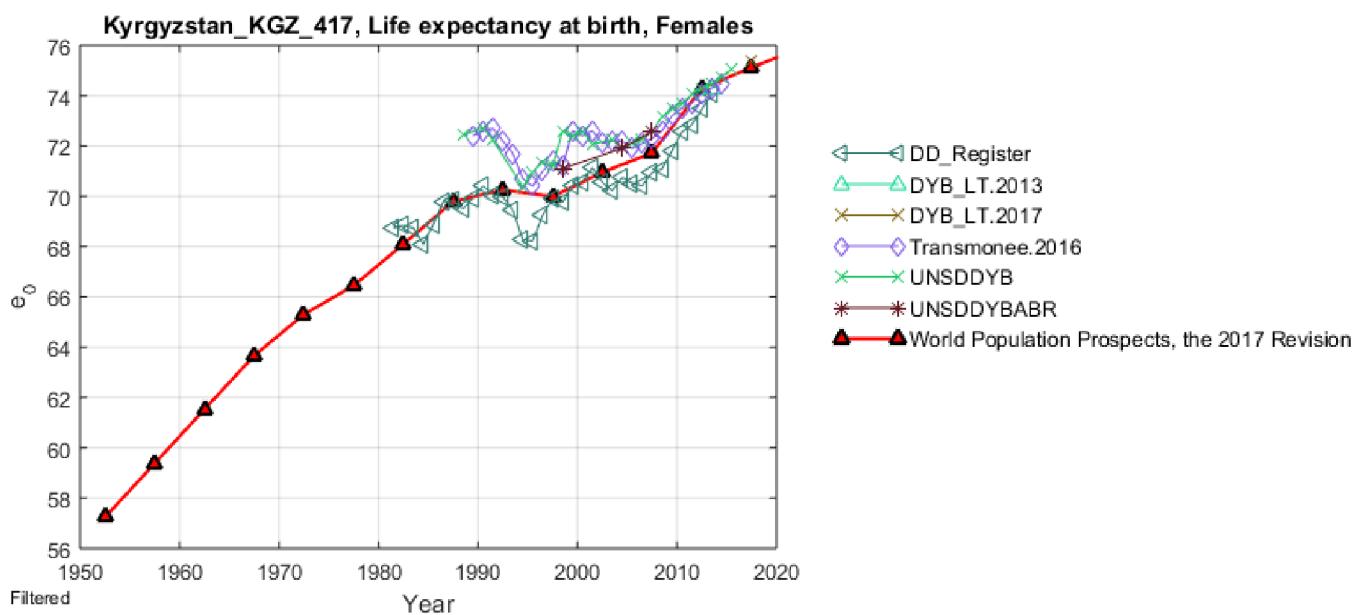
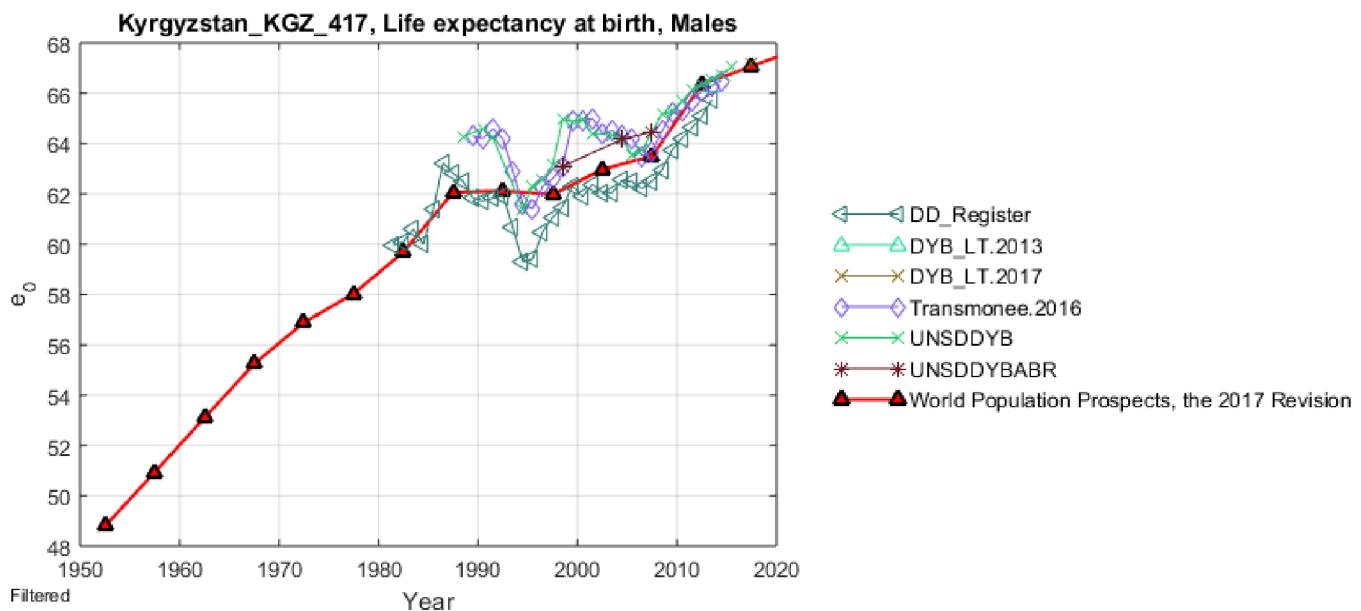


Kuwait_KWT_414, Life expectancy at birth, Females

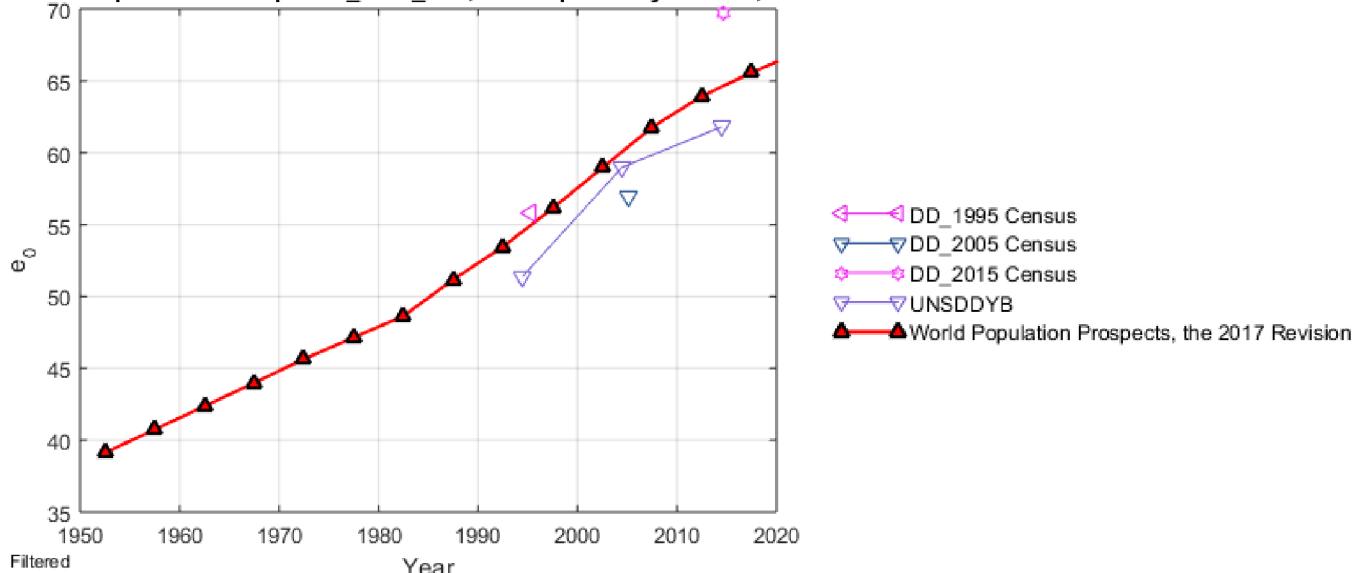


Kuwait_KWT_414, Life expectancy at birth

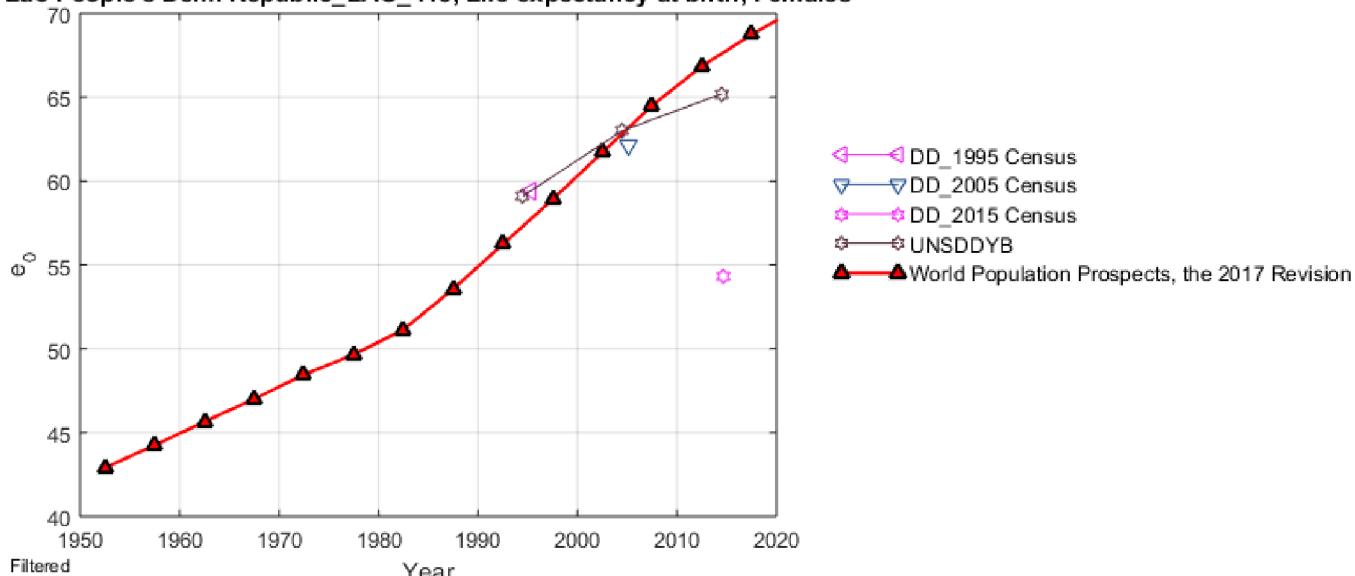




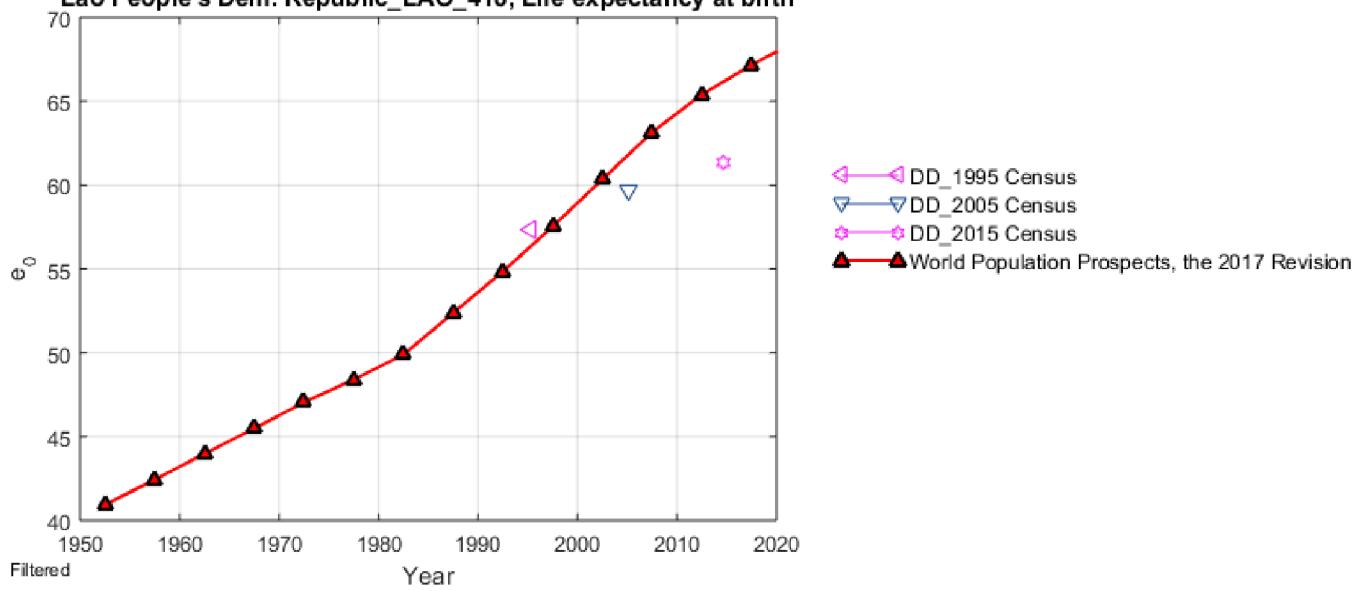
Lao People's Dem. Republic_LA0_418, Life expectancy at birth, Males

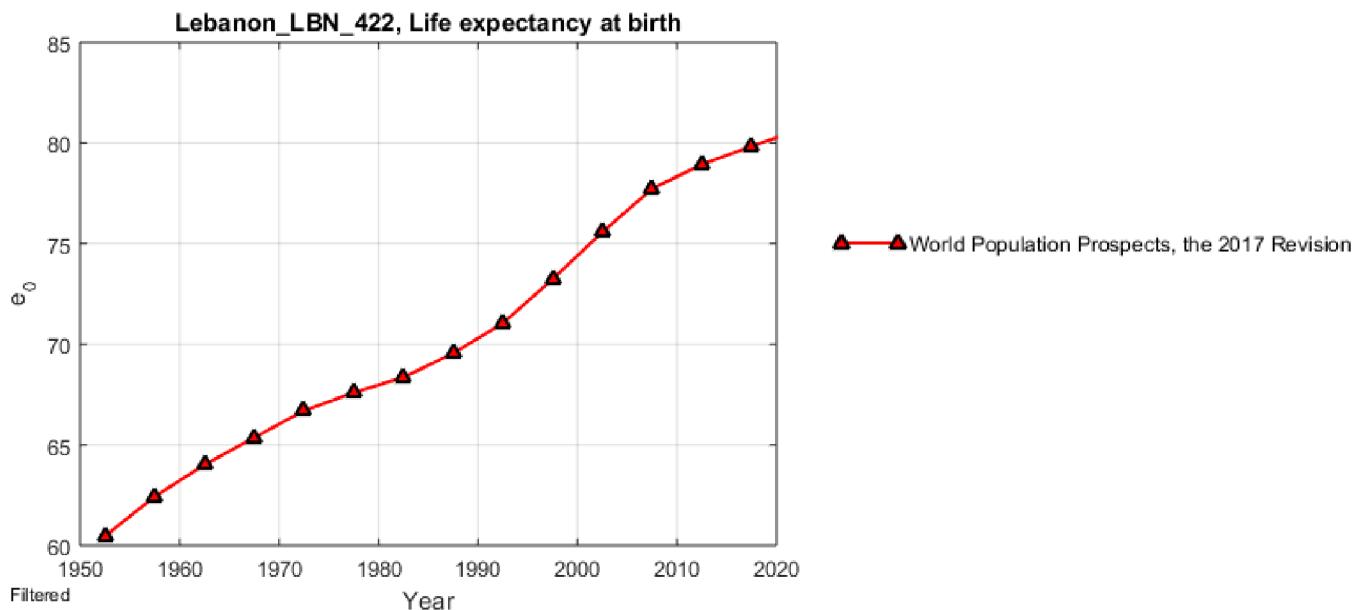
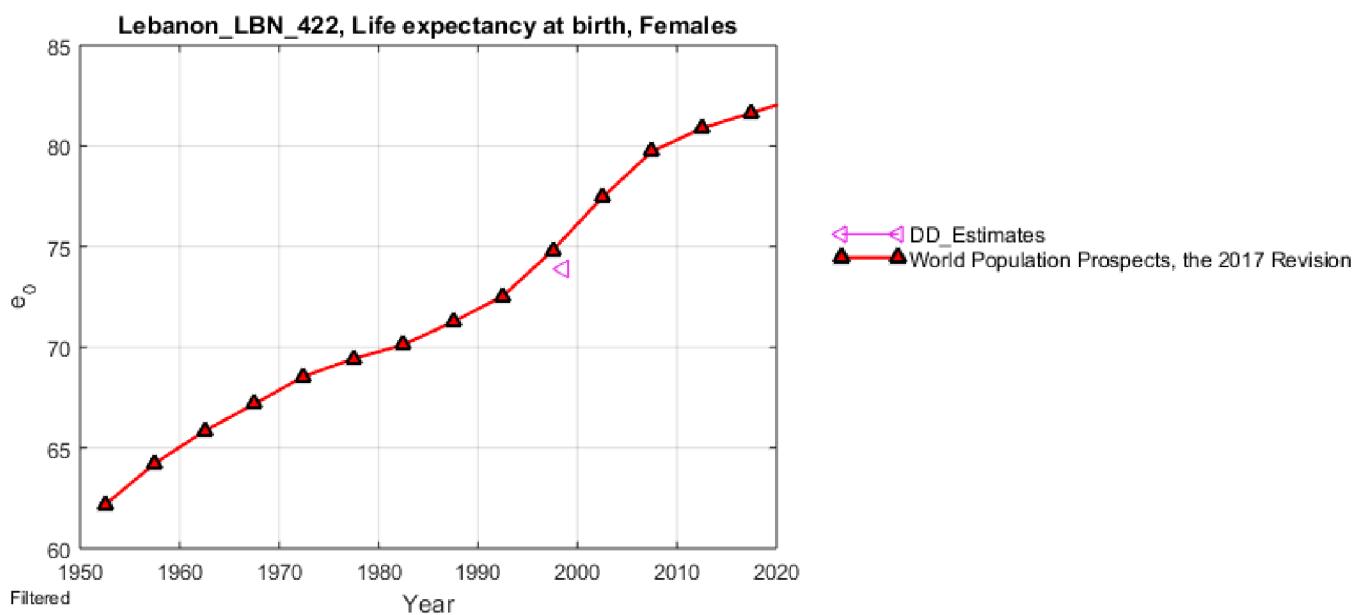
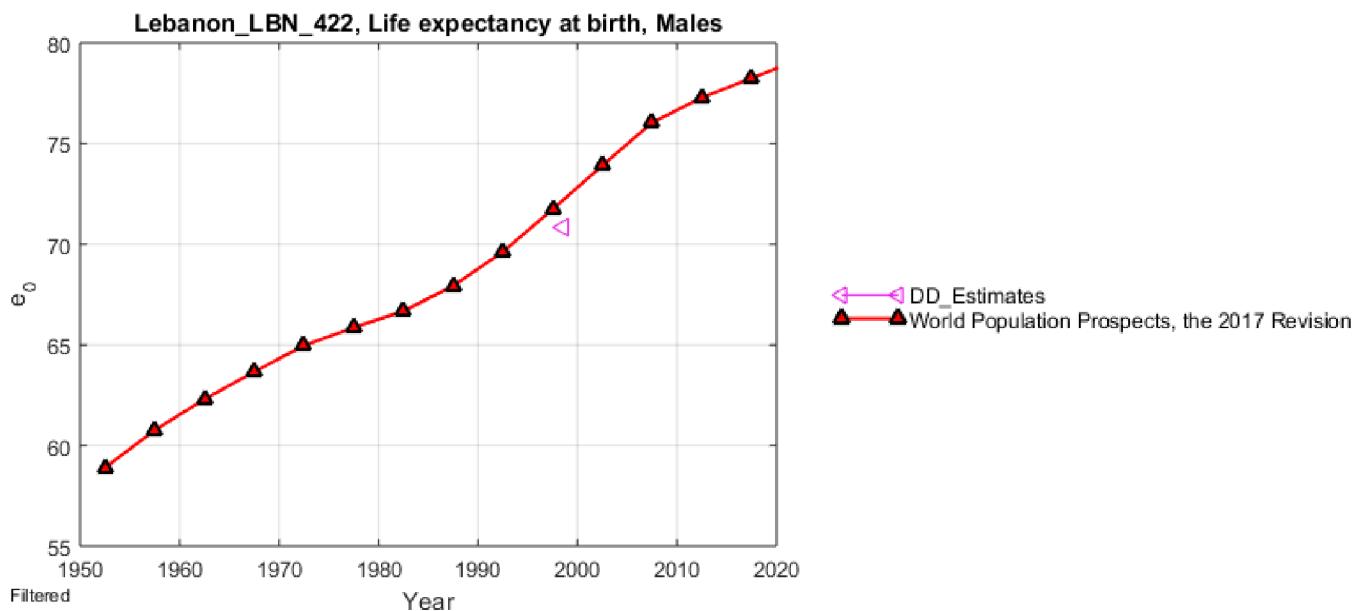


Lao People's Dem. Republic_LA0_418, Life expectancy at birth, Females

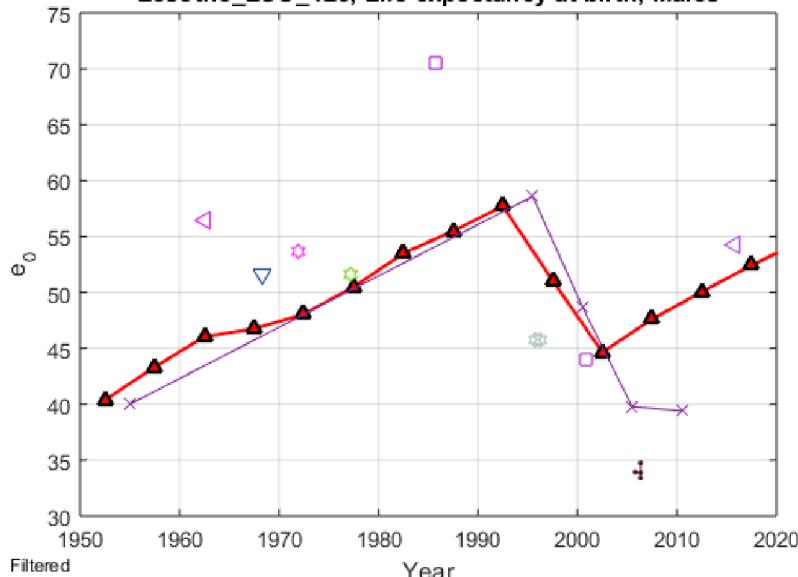


Lao People's Dem. Republic_LA0_418, Life expectancy at birth



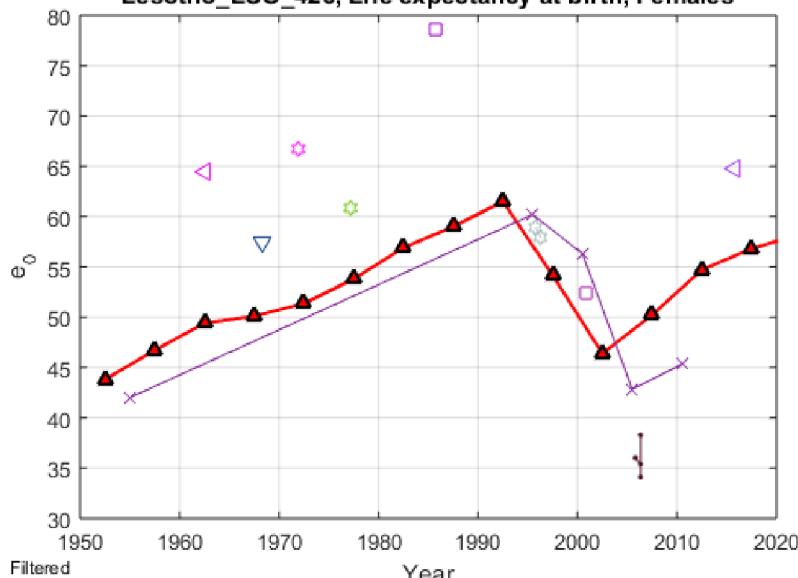


Lesotho_LSO_426, Life expectancy at birth, Males



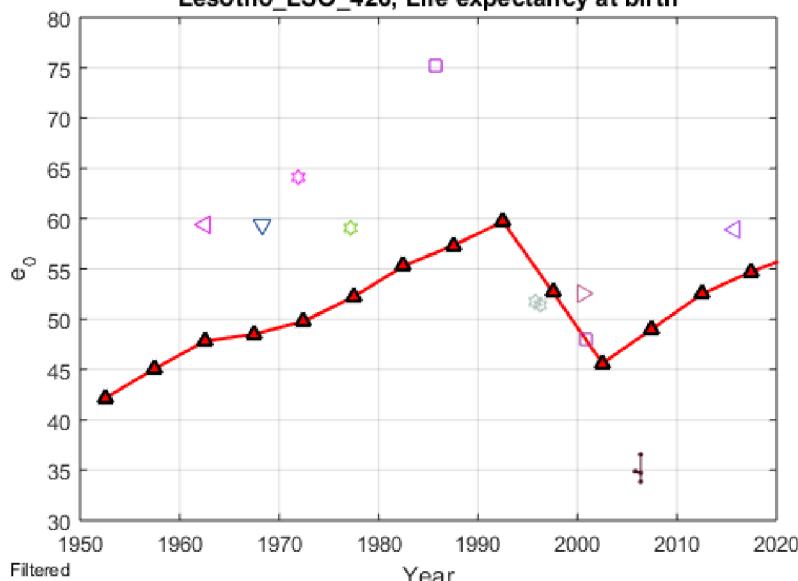
- DD_1962-1966 Lowlands Demographic Study
- DD_1968-1969 CES
- DD_1971-1973 DS
- DD_1977 WFS
- DD_1986 Census_Lesotho Bureau of Statistics (1986)
- DD_1996 Census
- DD_2001 DS
- DD_2006 Census
- DD_2016 Census
- UNSDYB
- World Population Prospects, the 2017 Revision

Lesotho_LSO_426, Life expectancy at birth, Females



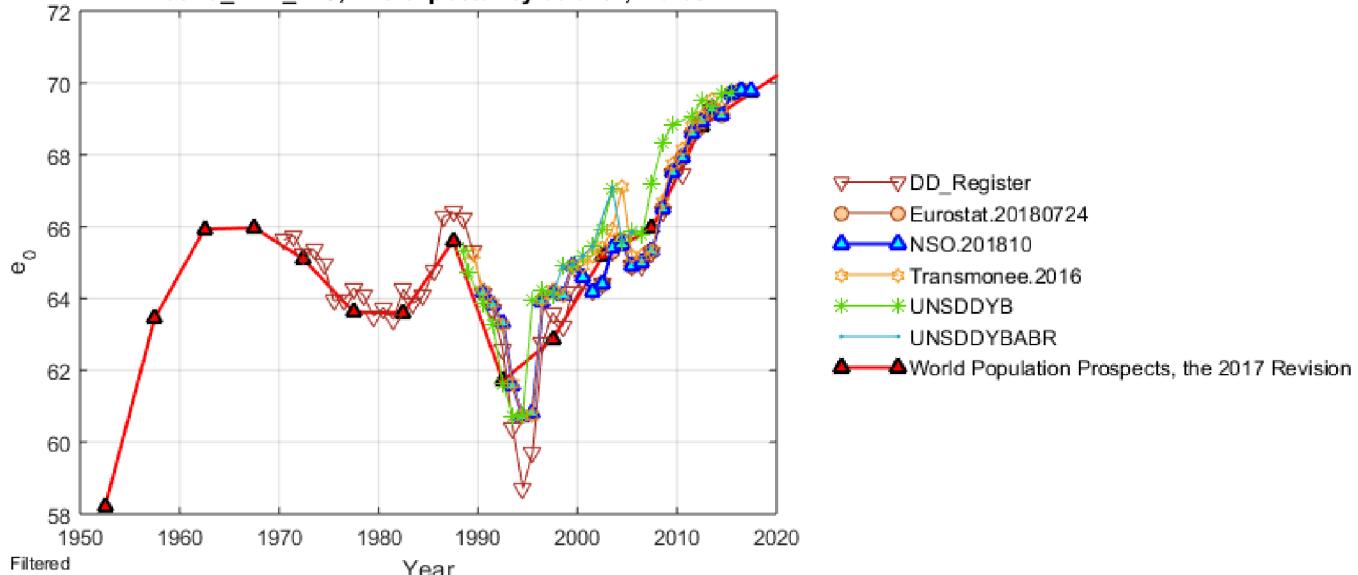
- DD_1962-1966 Lowlands Demographic Study
- DD_1968-1969 CES
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- DD_1986 Census_Lesotho Bureau of Statistics (1986)
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- DD_2006 Census
- DD_2016 Census
- UNSDYB
- World Population Prospects, the 2017 Revision

Lesotho_LSO_426, Life expectancy at birth

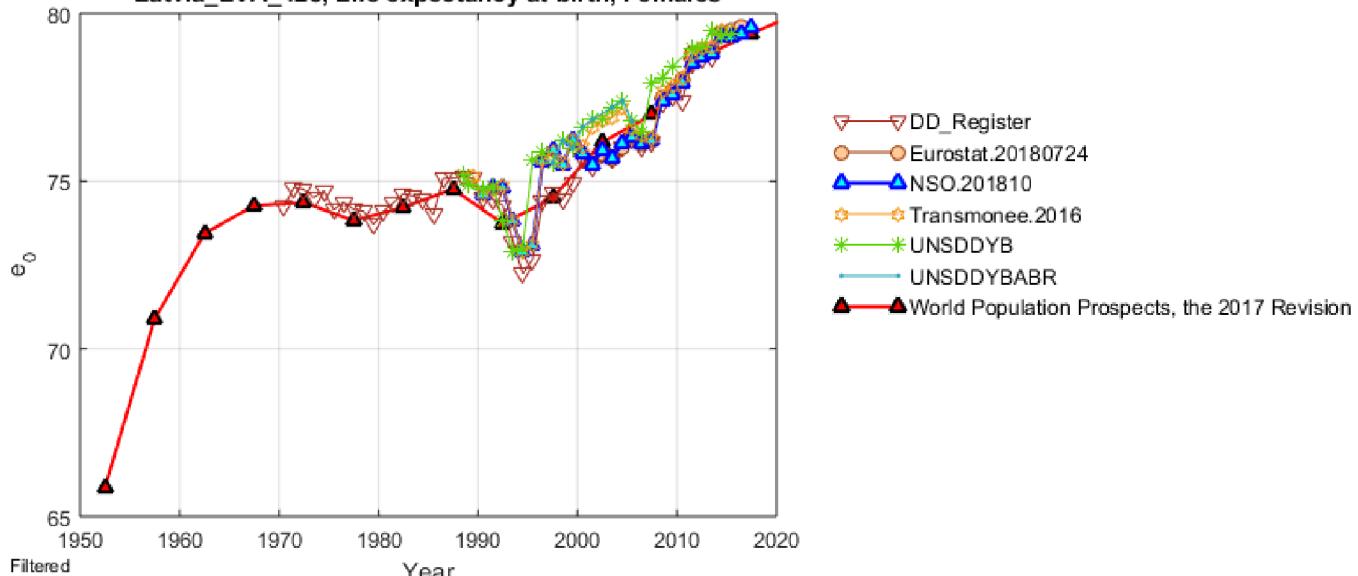


- DD_1962-1966 Lowlands Demographic Study
- DD_1968-1969 CES
- DD_1971-1973 DS
- DD_1977 WFS
- DD_1986 Census_Lesotho Bureau of Statistics (1986)
- DD_1996 Census
- DD_2001 DS
- DD_2006 Census
- DD_2016 Census
- UNSDYB
- World Population Prospects, the 2017 Revision

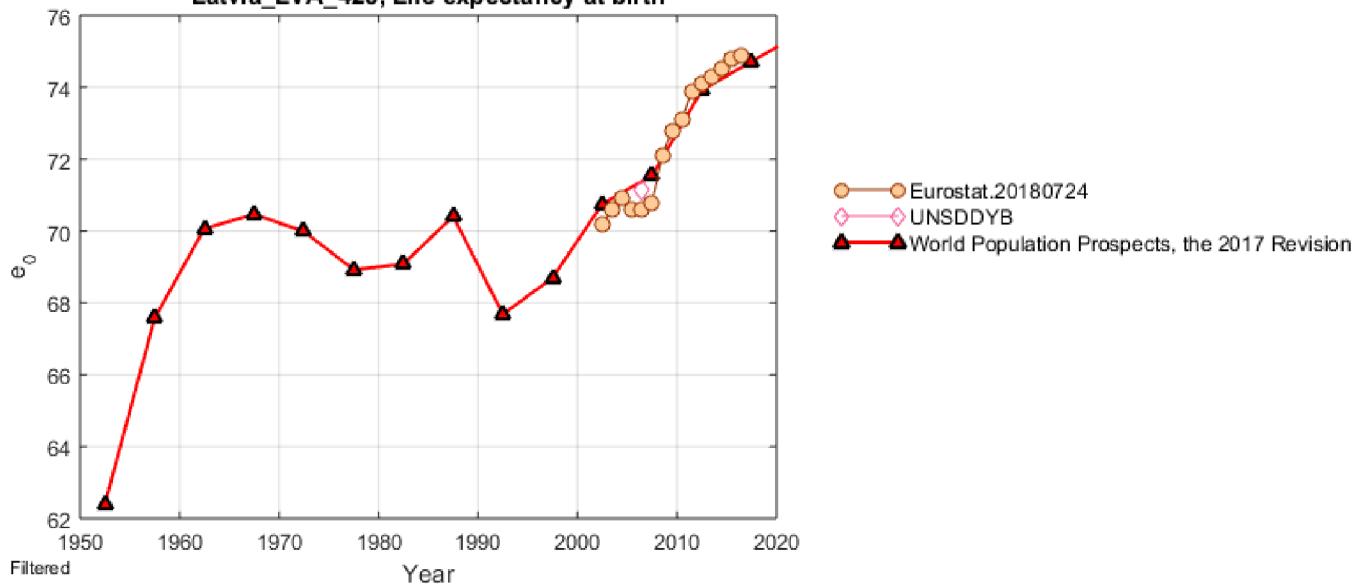
Latvia_LVA_428, Life expectancy at birth, Males

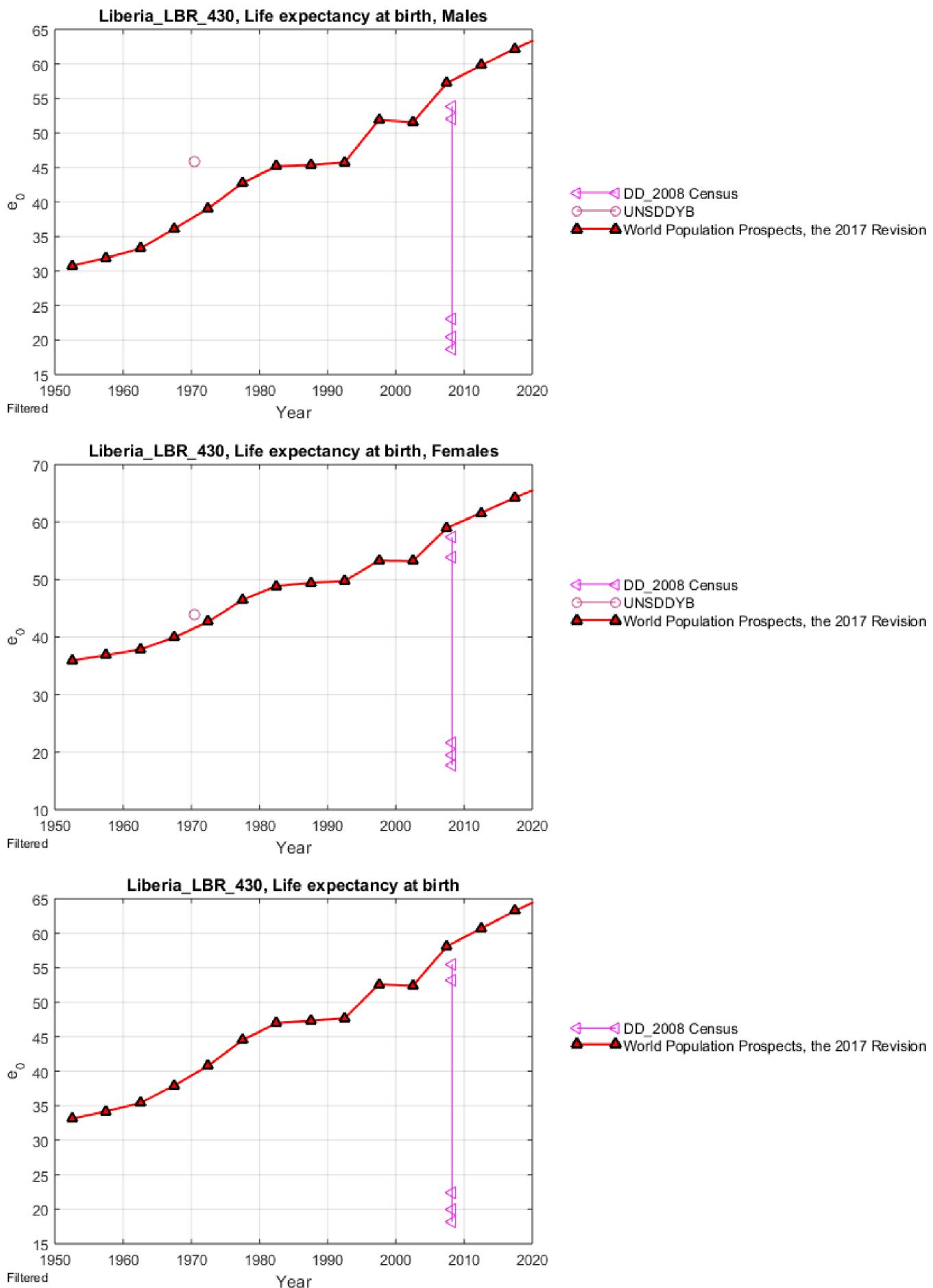


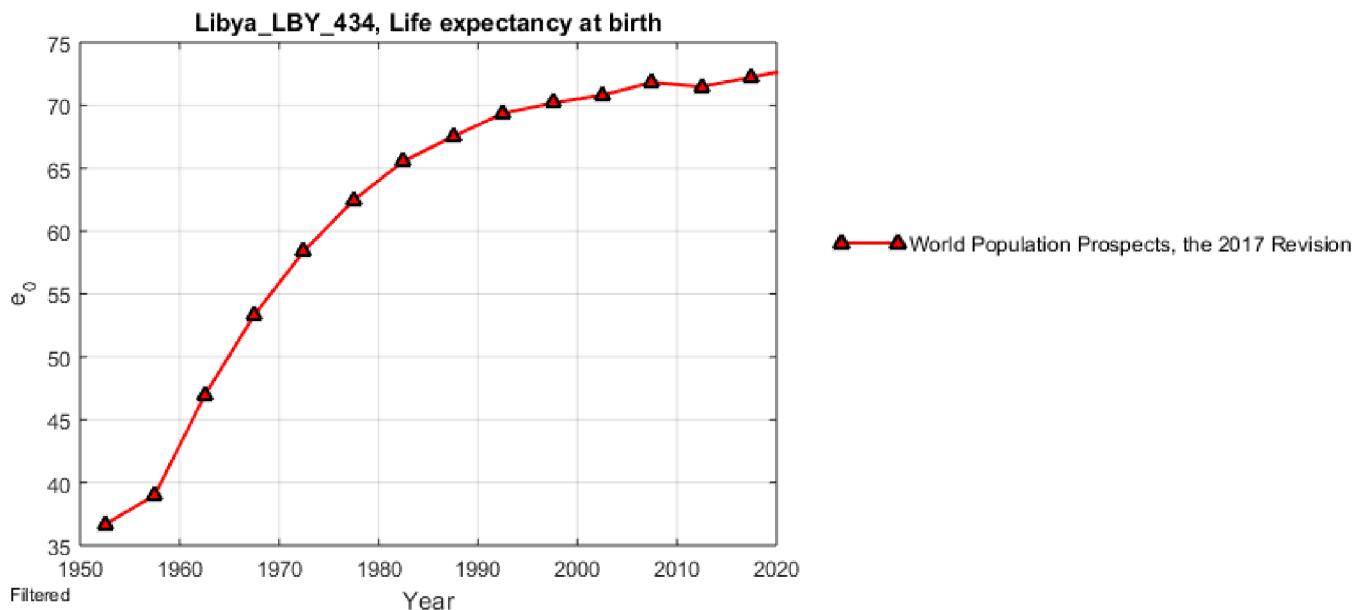
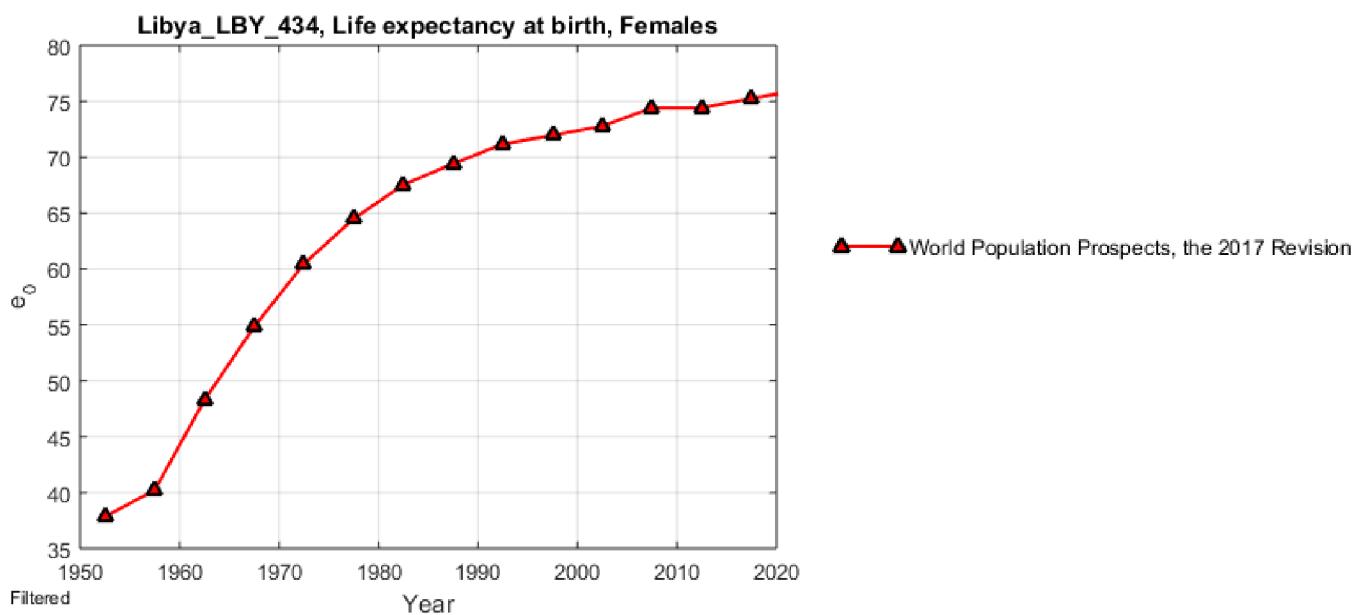
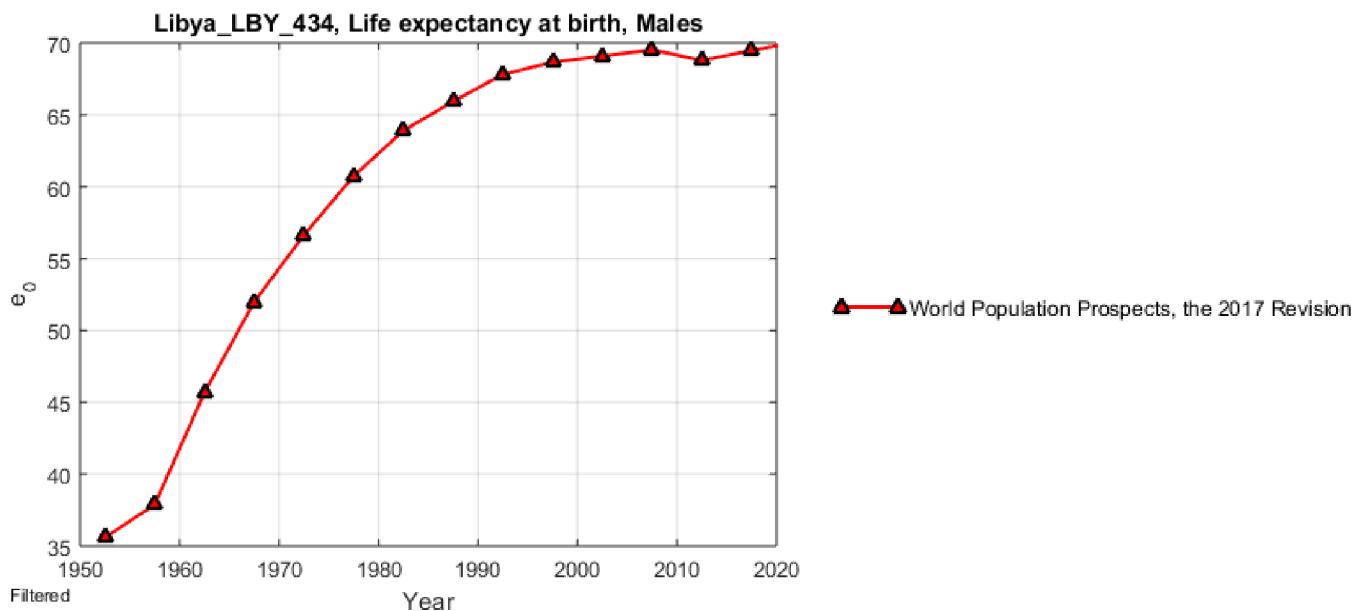
Latvia_LVA_428, Life expectancy at birth, Females



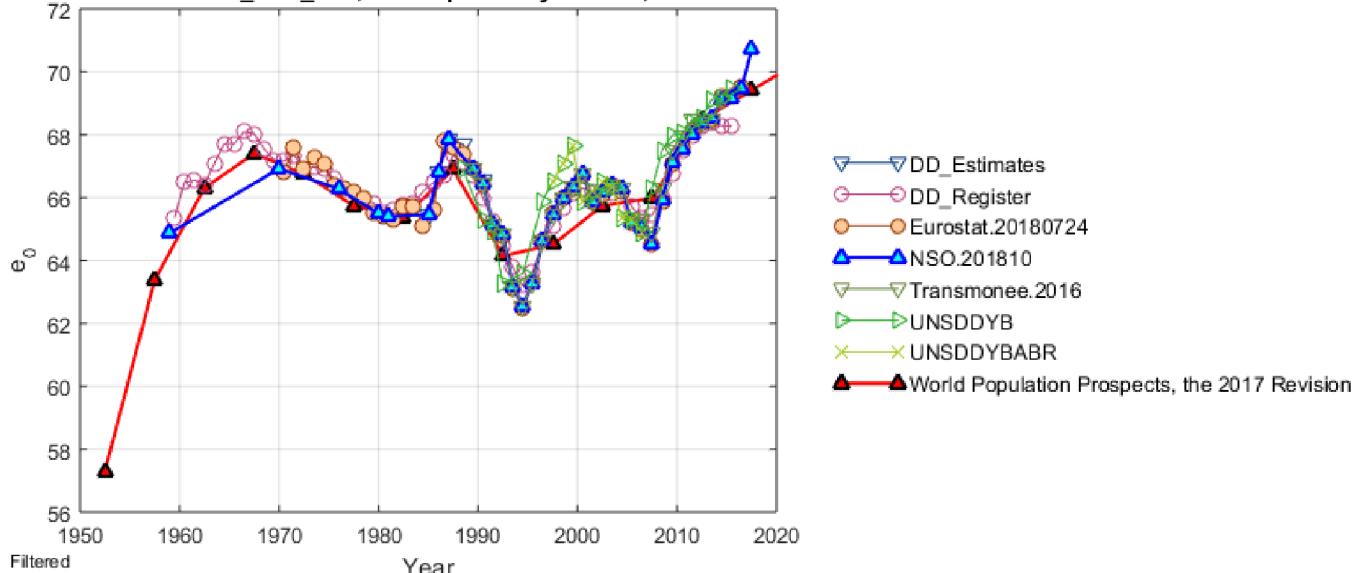
Latvia_LVA_428, Life expectancy at birth



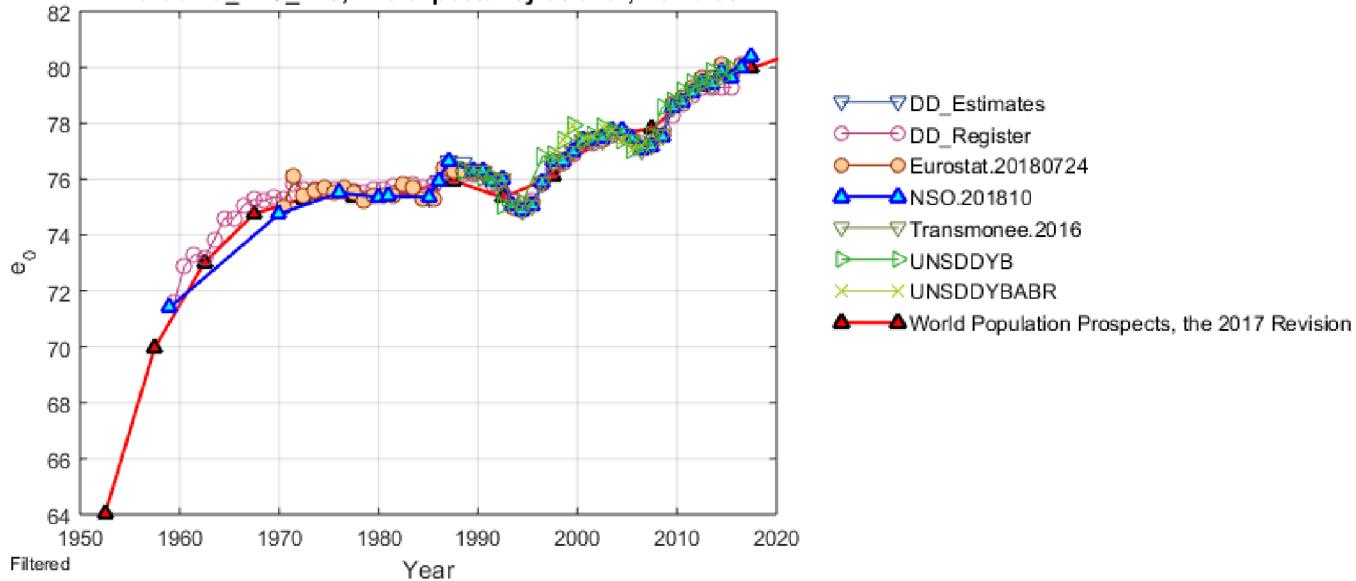




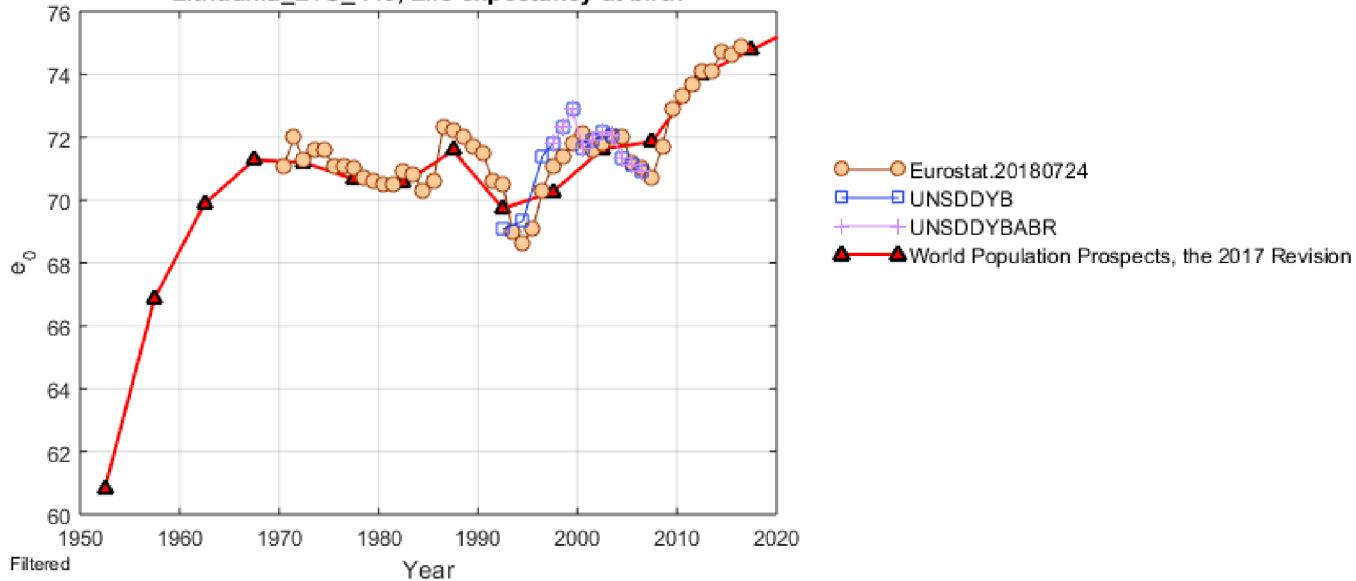
Lithuania_LTU_440, Life expectancy at birth, Males

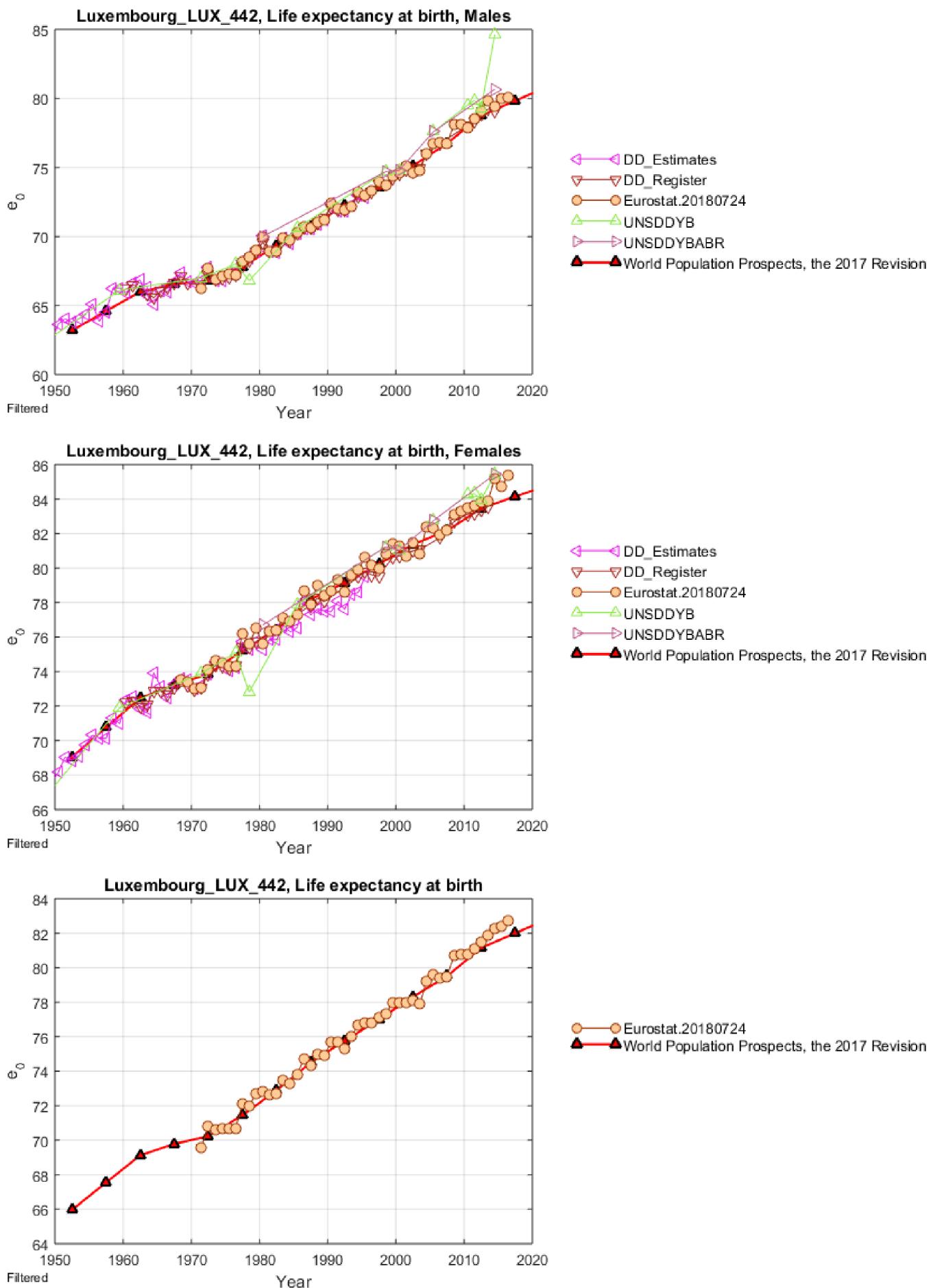


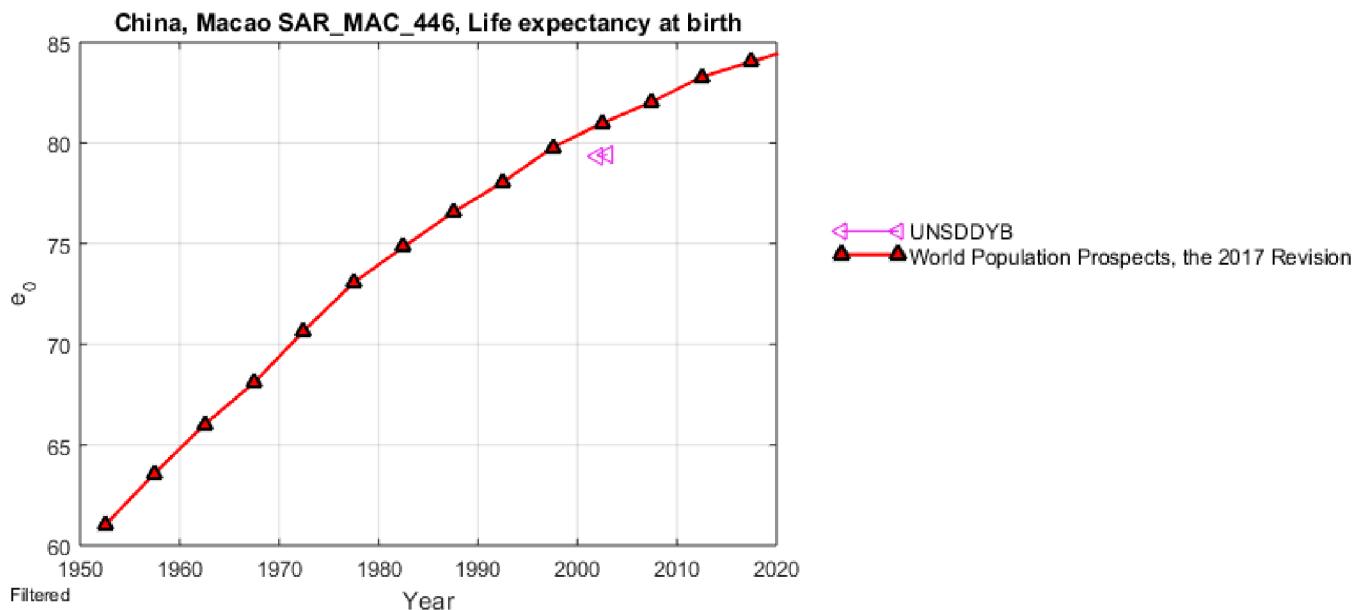
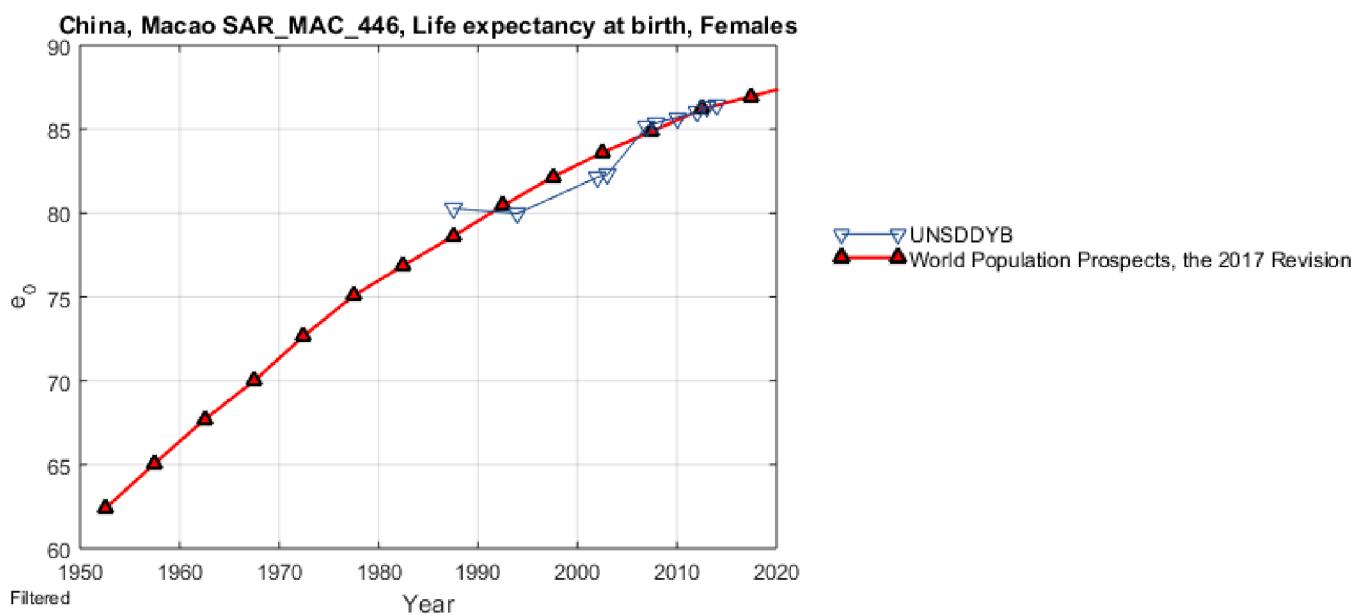
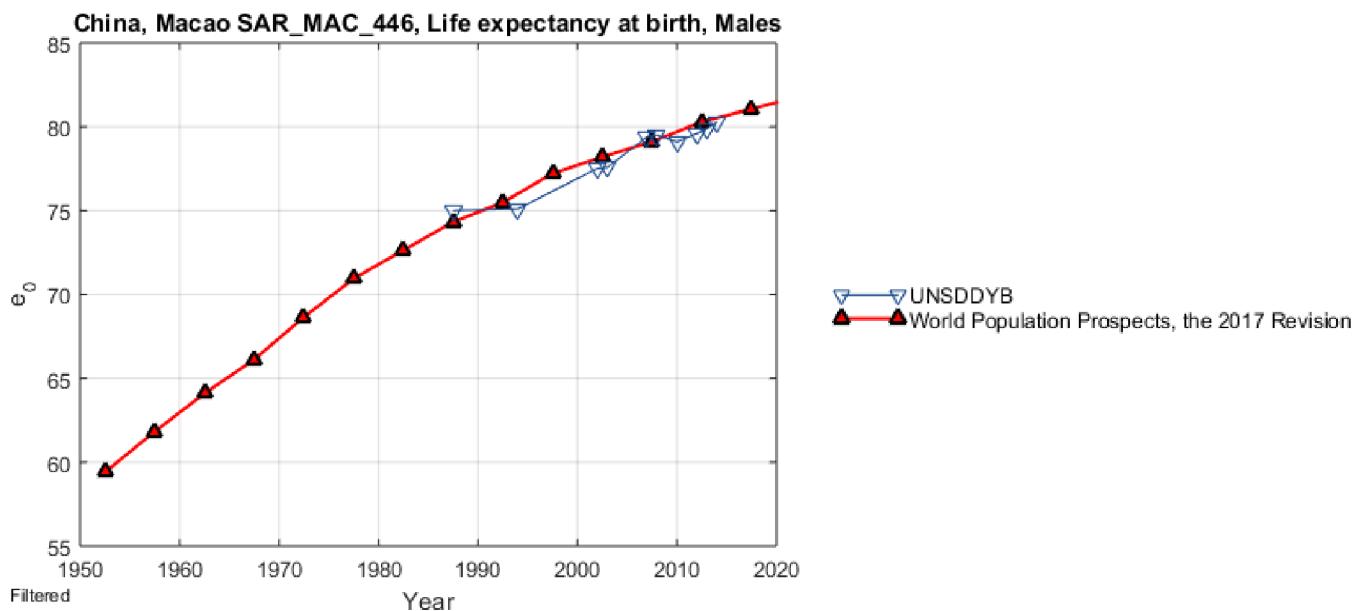
Lithuania_LTU_440, Life expectancy at birth, Females

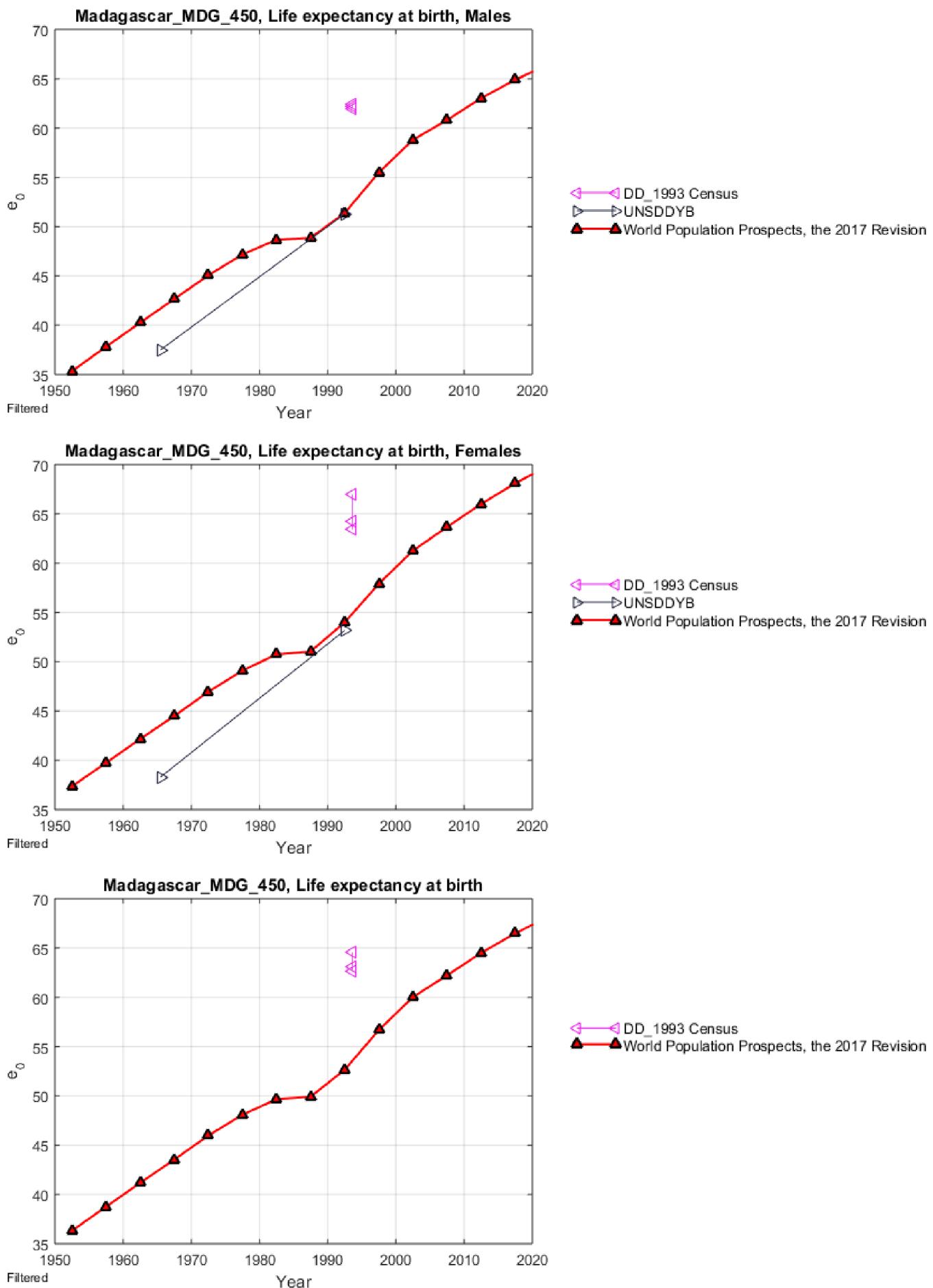


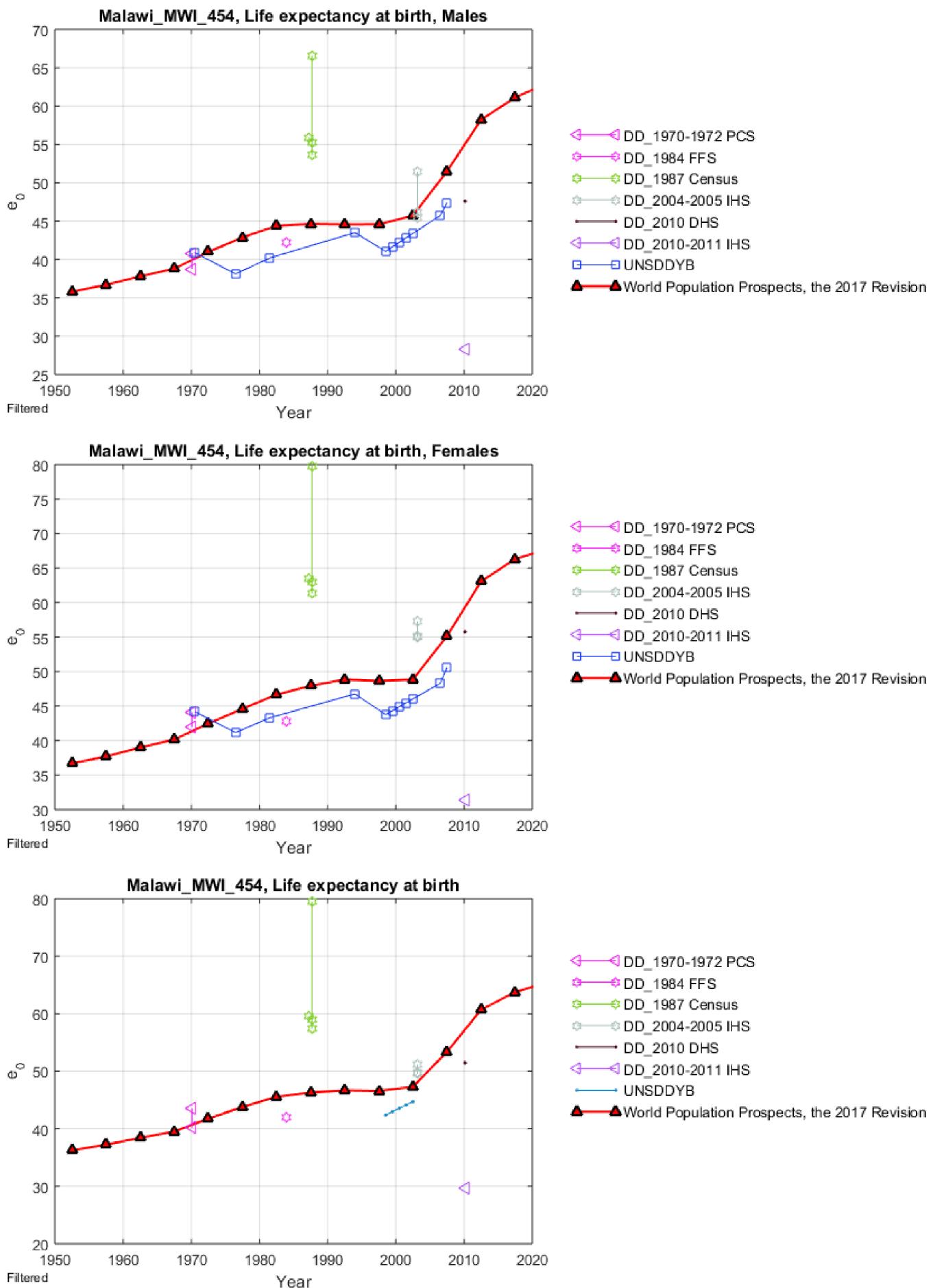
Lithuania_LTU_440, Life expectancy at birth



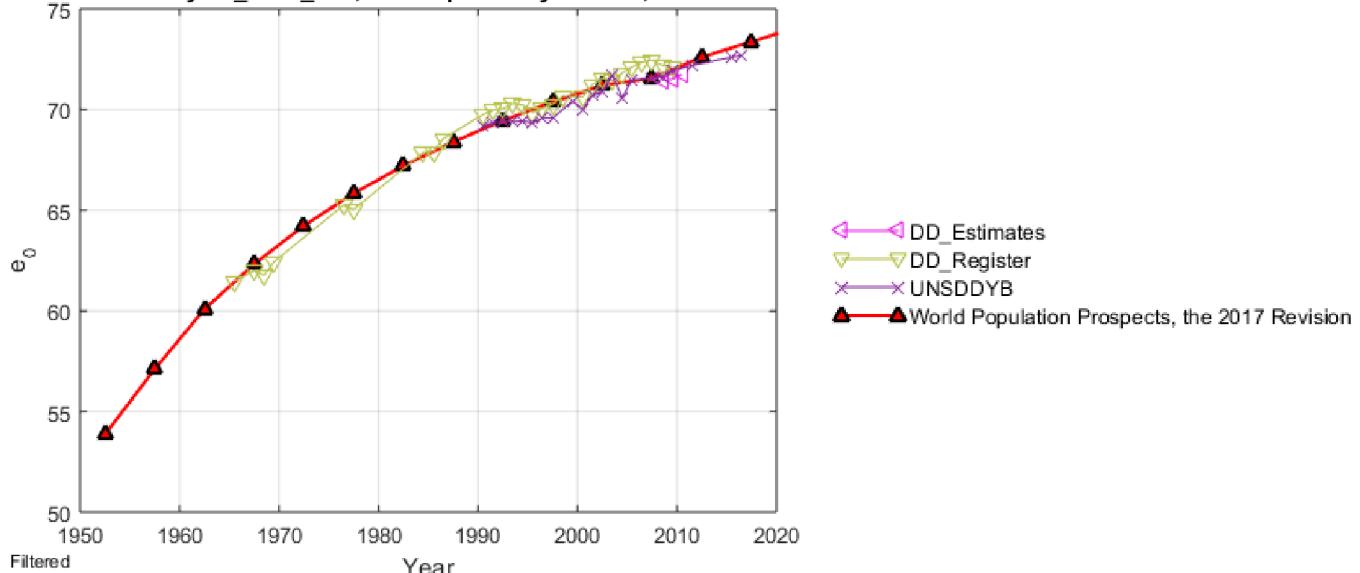




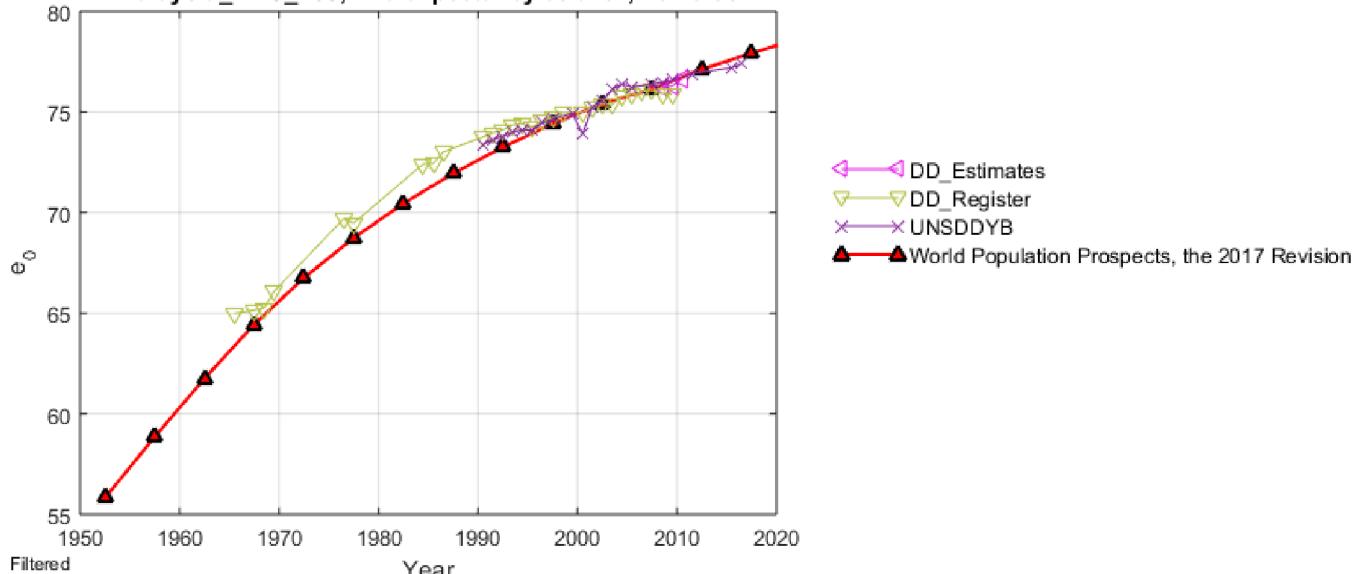




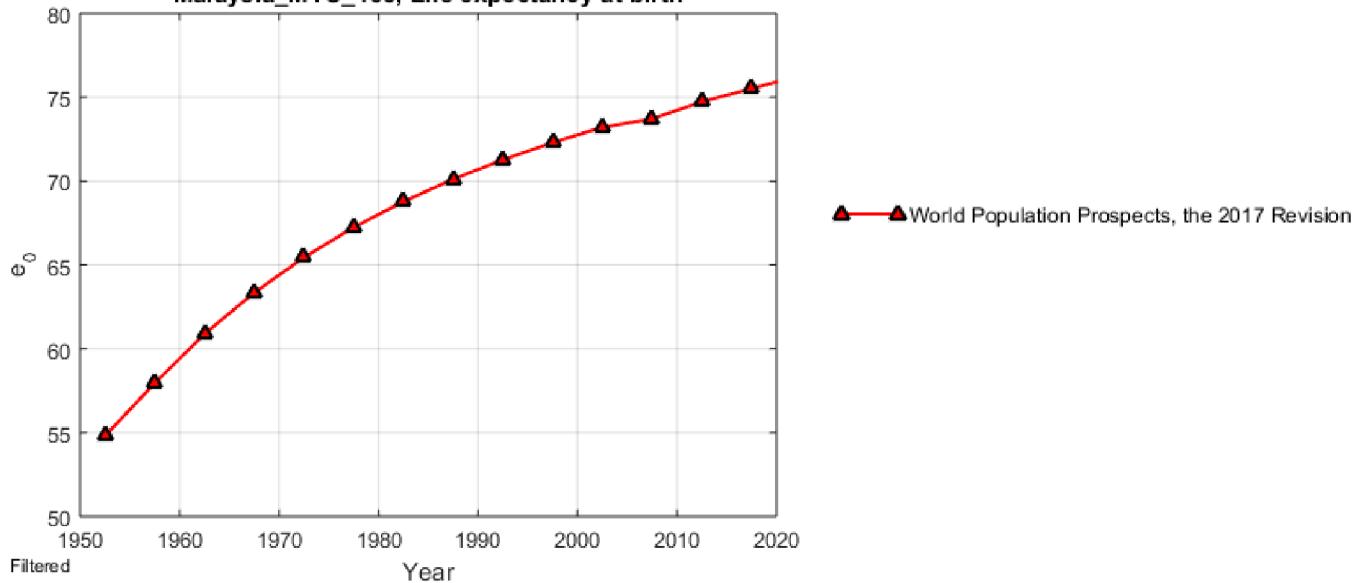
Malaysia_MYS_458, Life expectancy at birth, Males



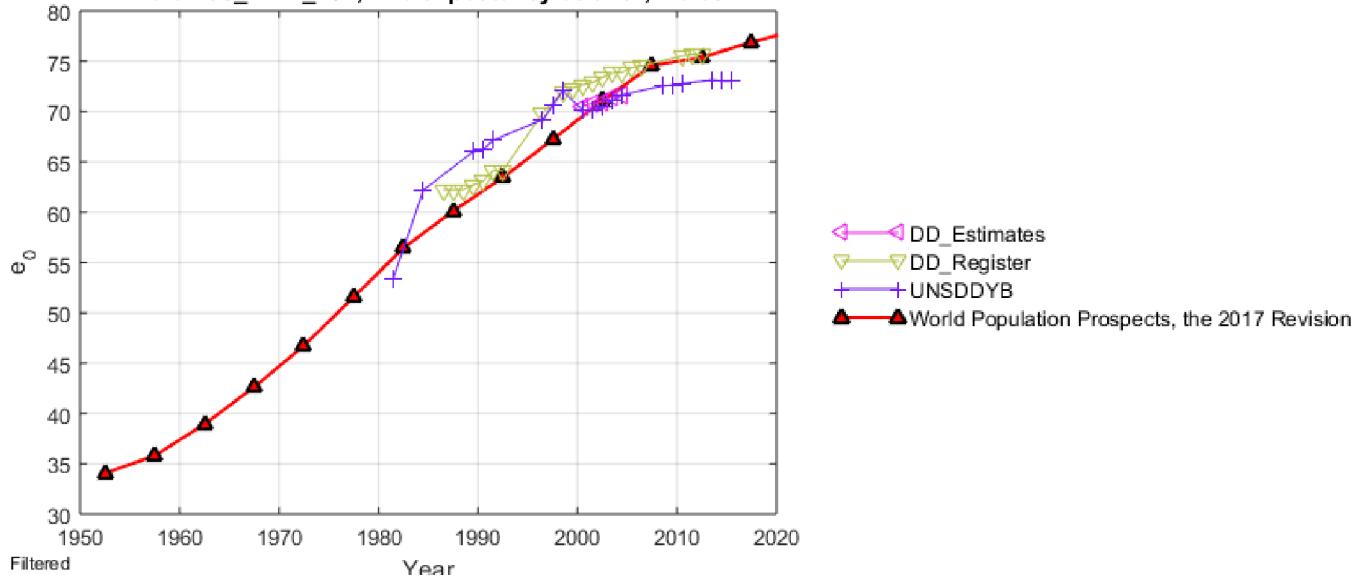
Malaysia_MYS_458, Life expectancy at birth, Females



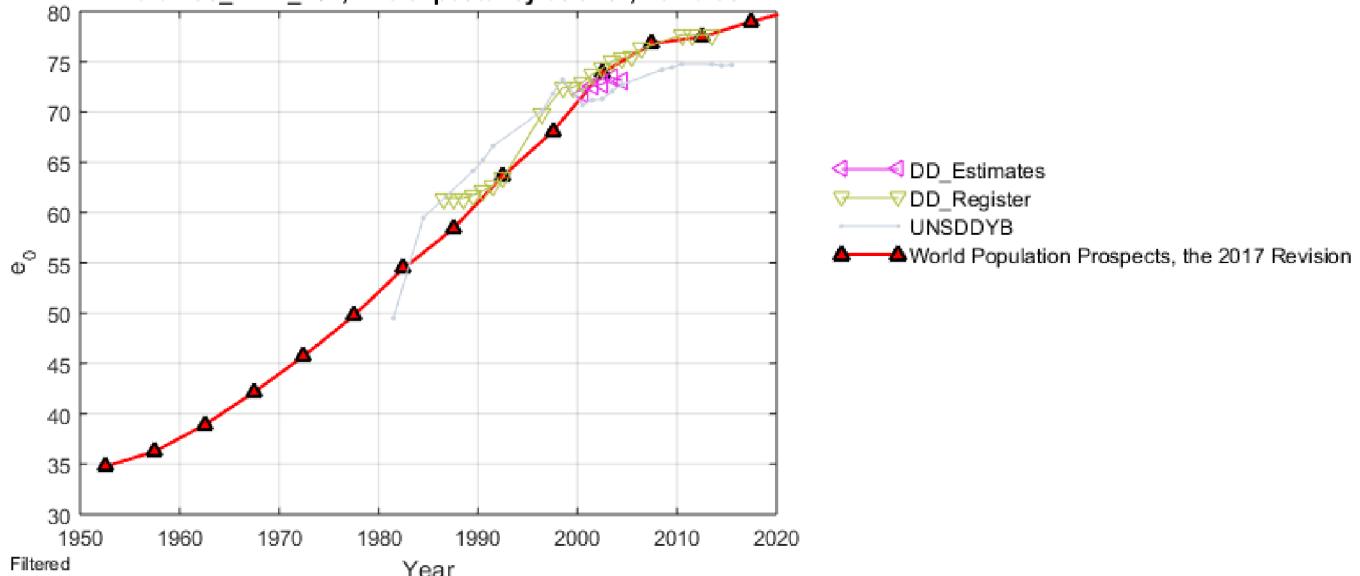
Malaysia_MYS_458, Life expectancy at birth



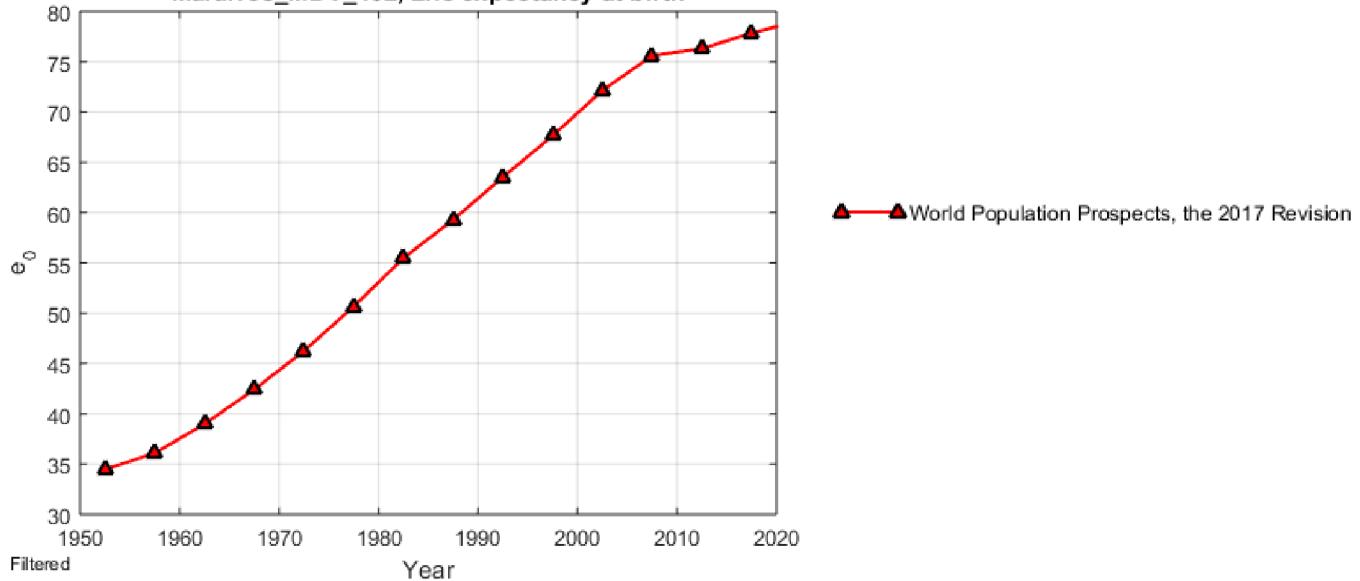
Maldives_MDV_462, Life expectancy at birth, Males

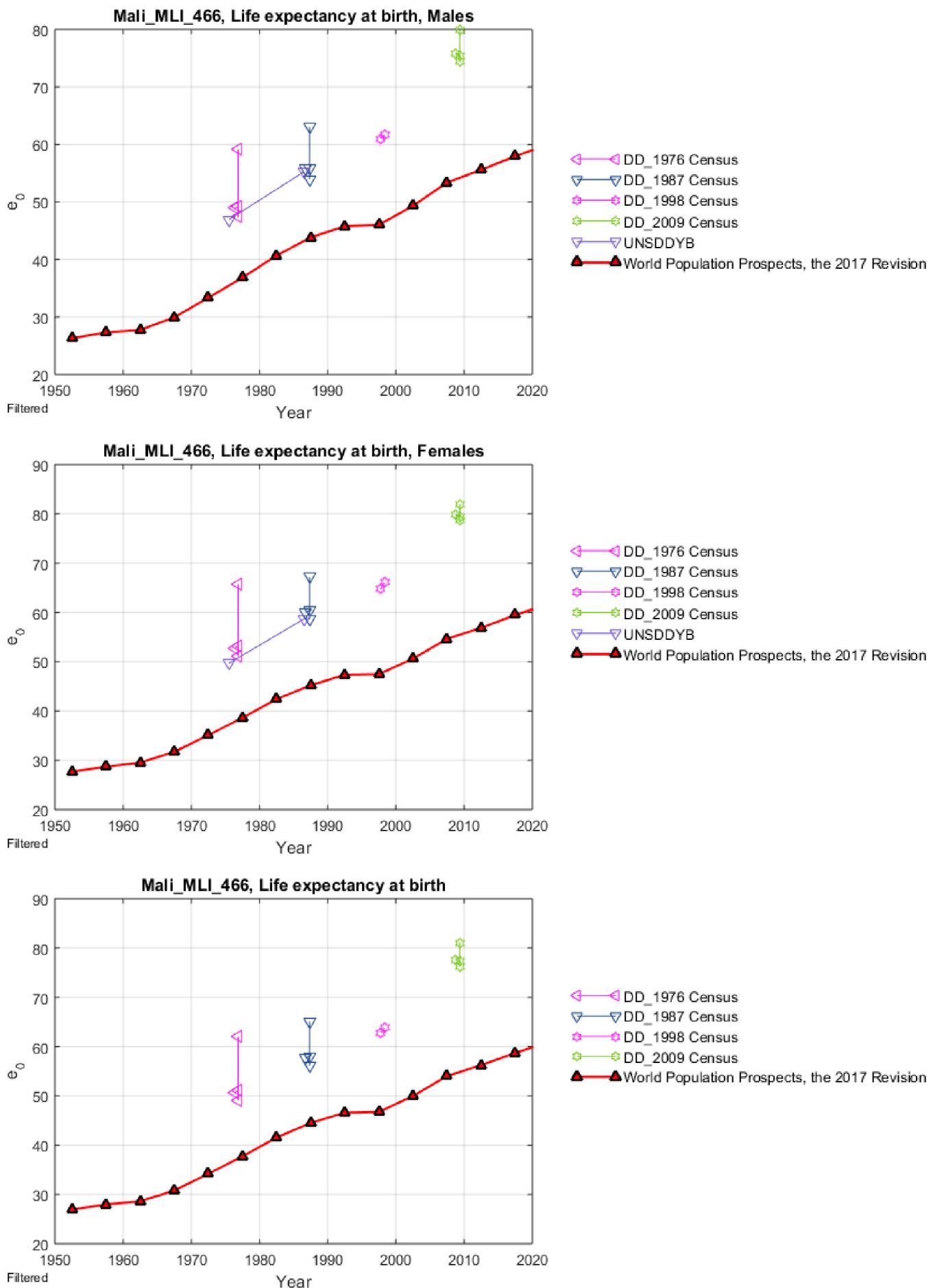


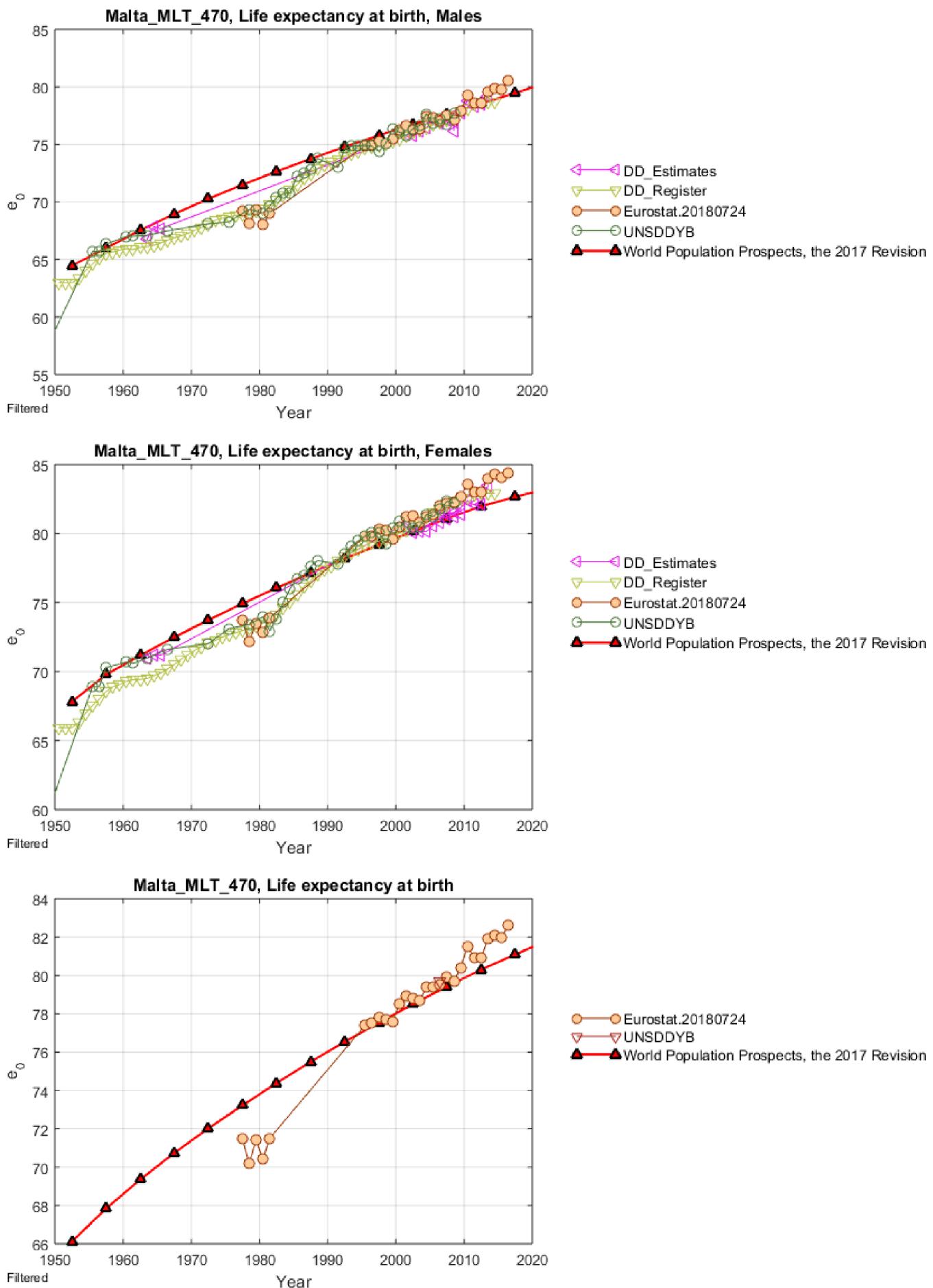
Maldives_MDV_462, Life expectancy at birth, Females

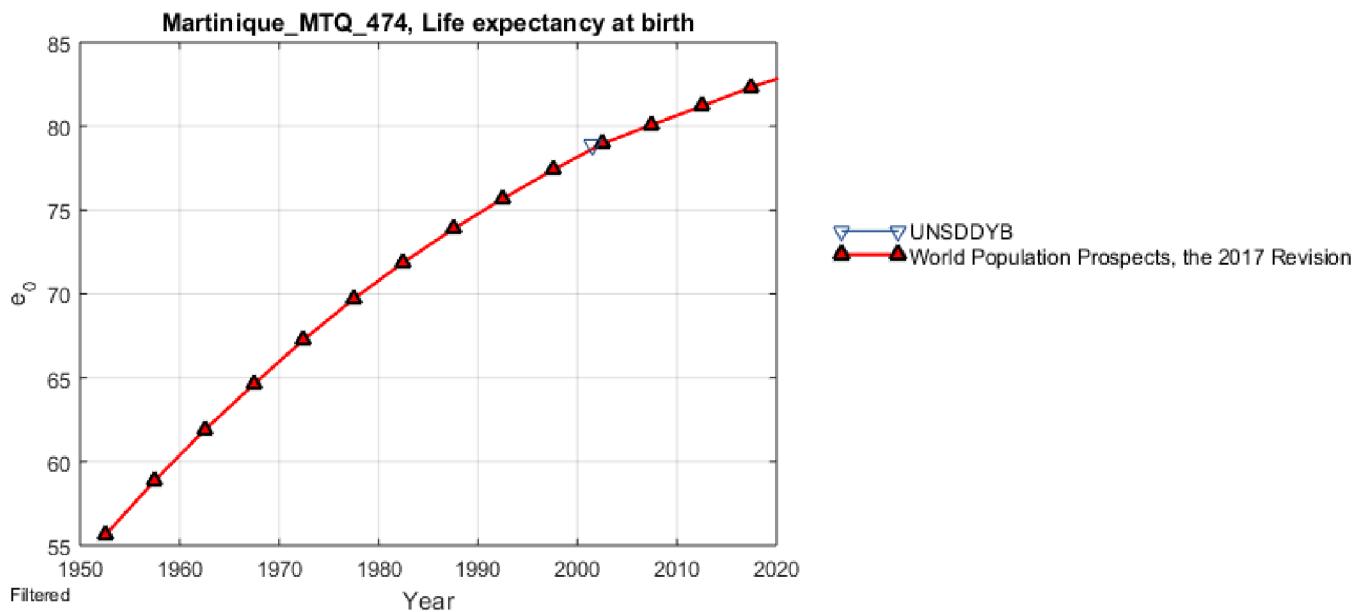
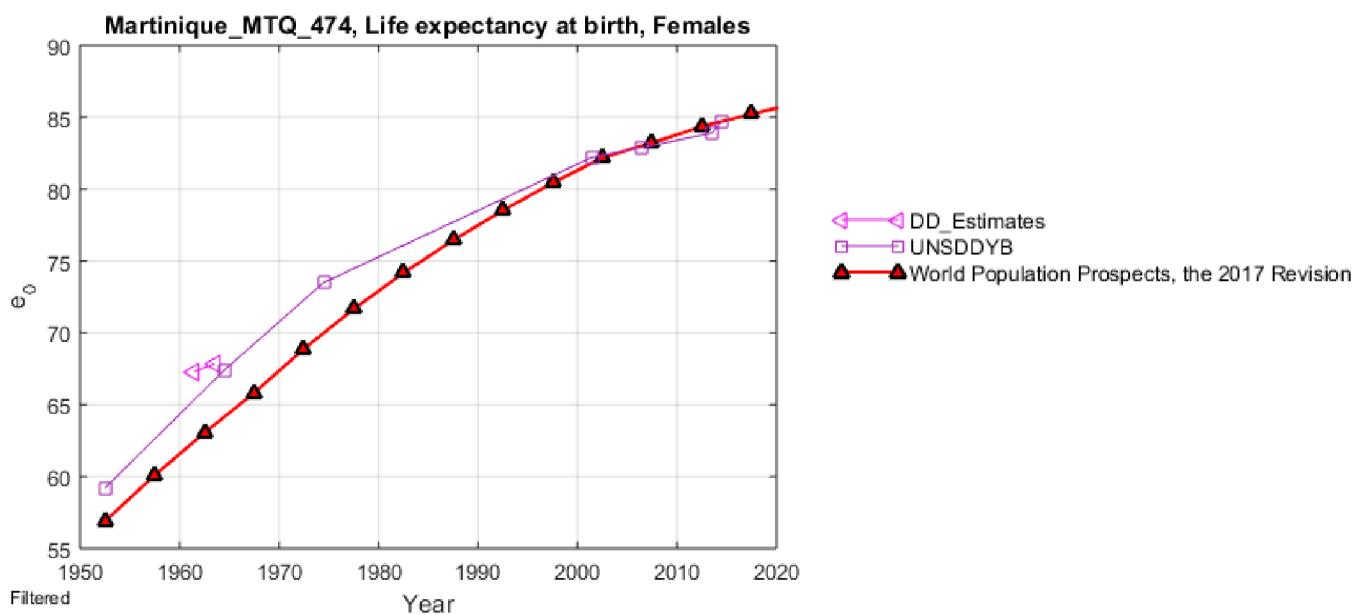
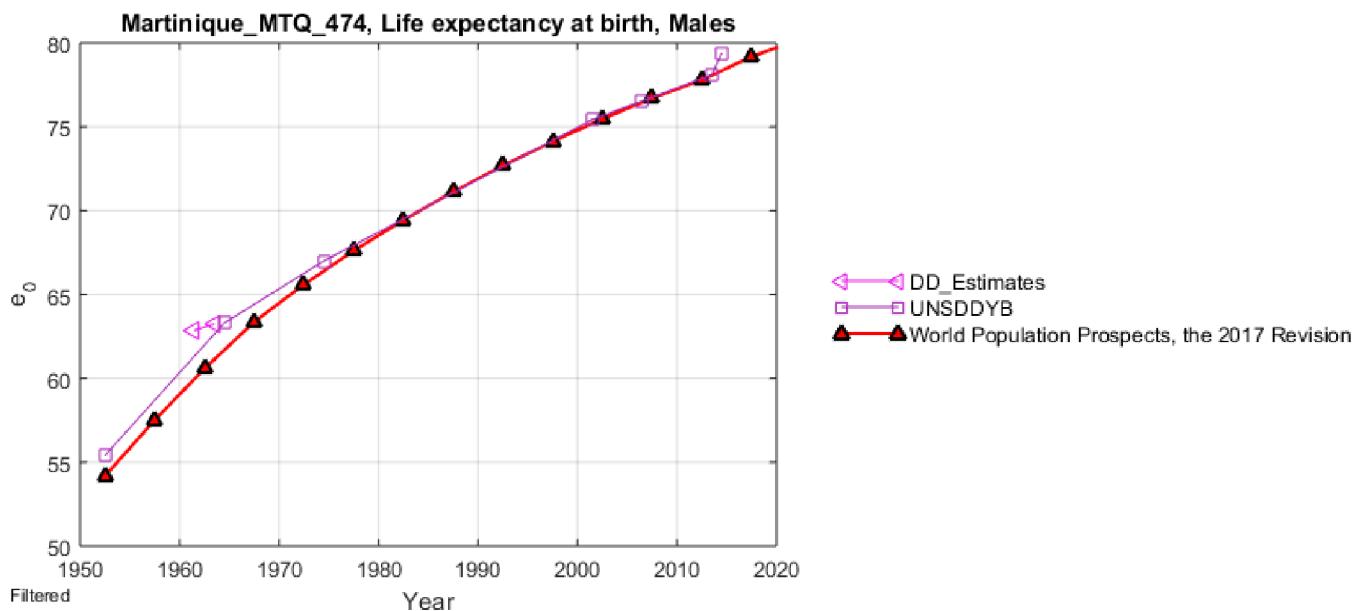


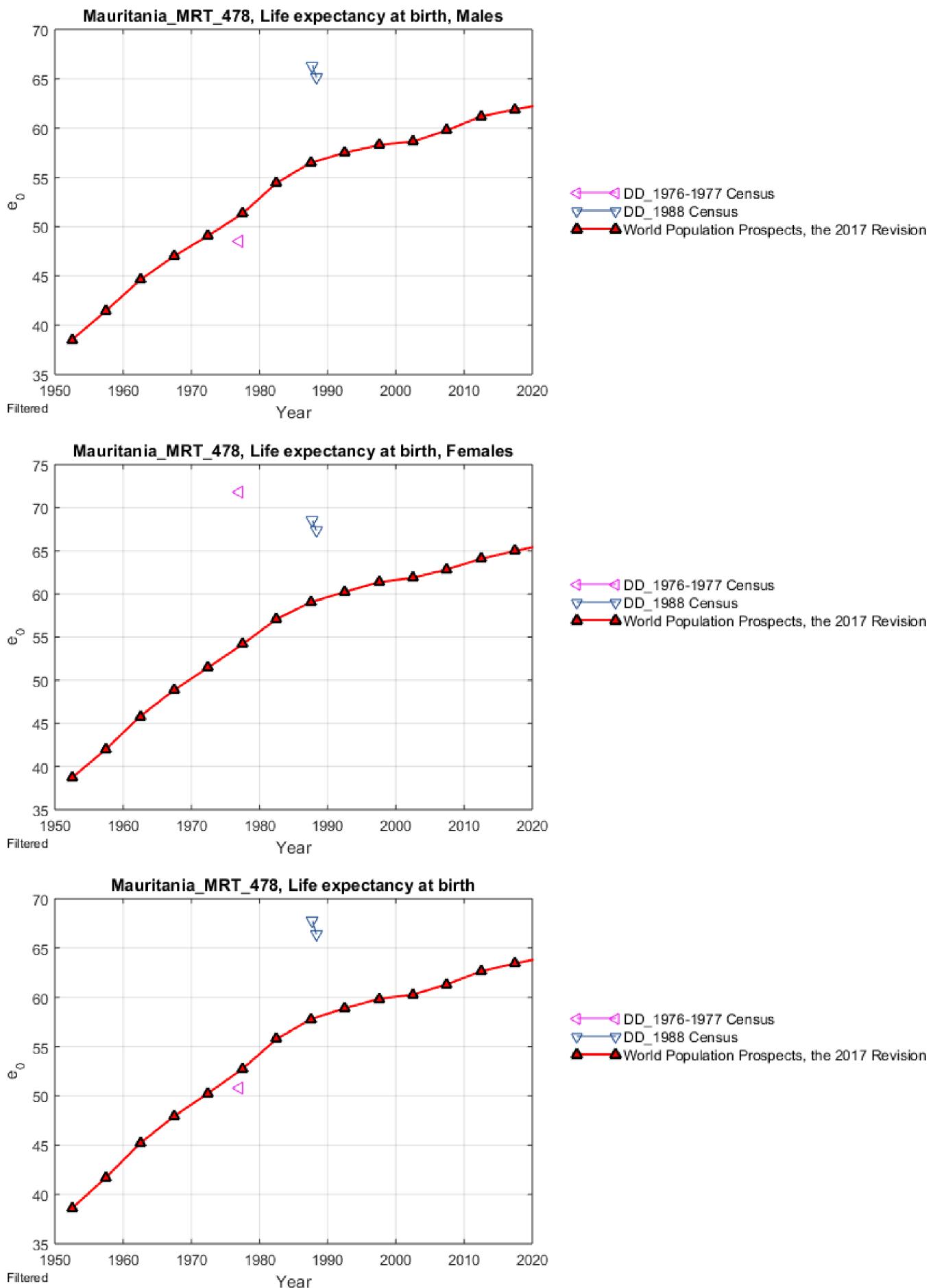
Maldives_MDV_462, Life expectancy at birth



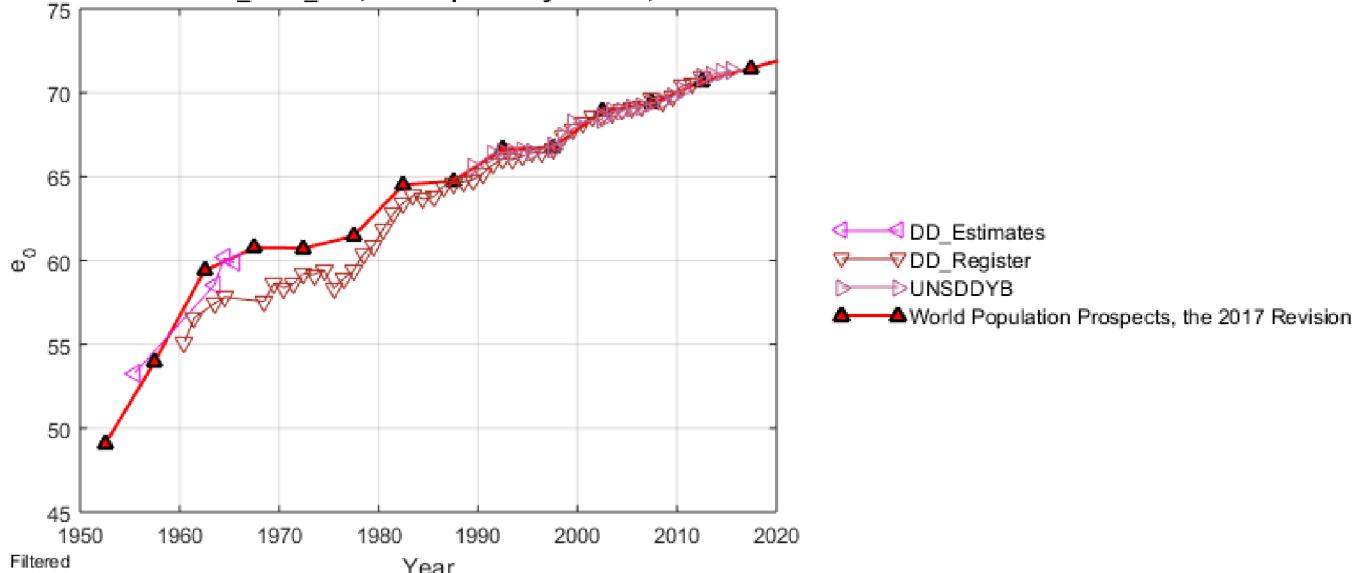




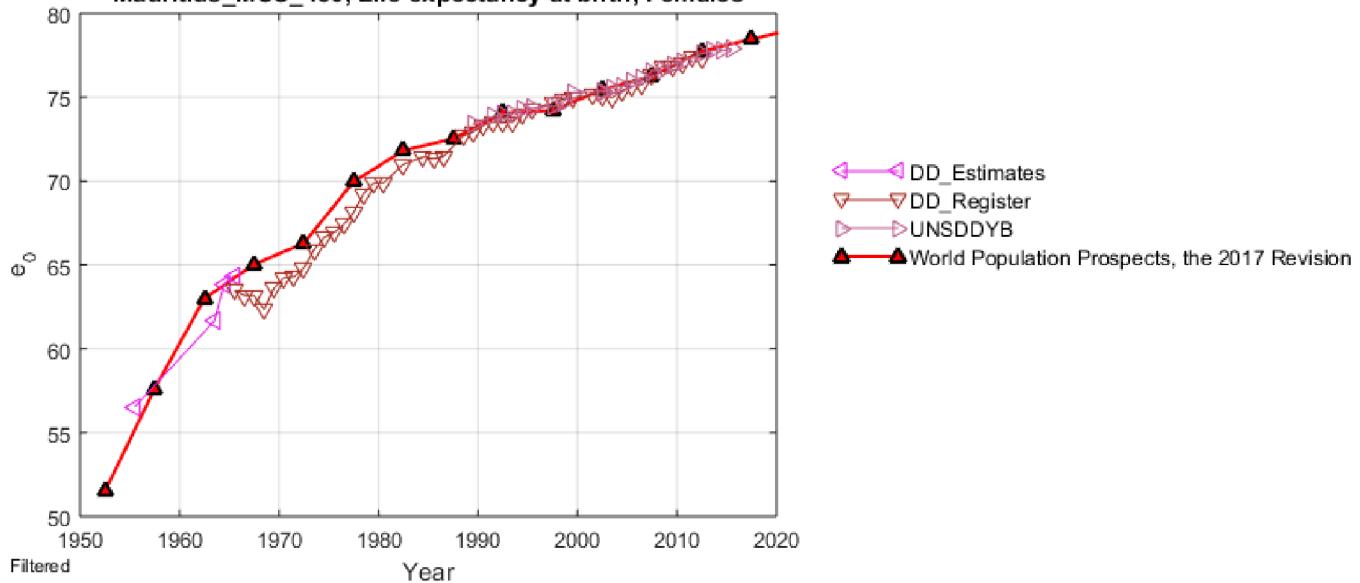




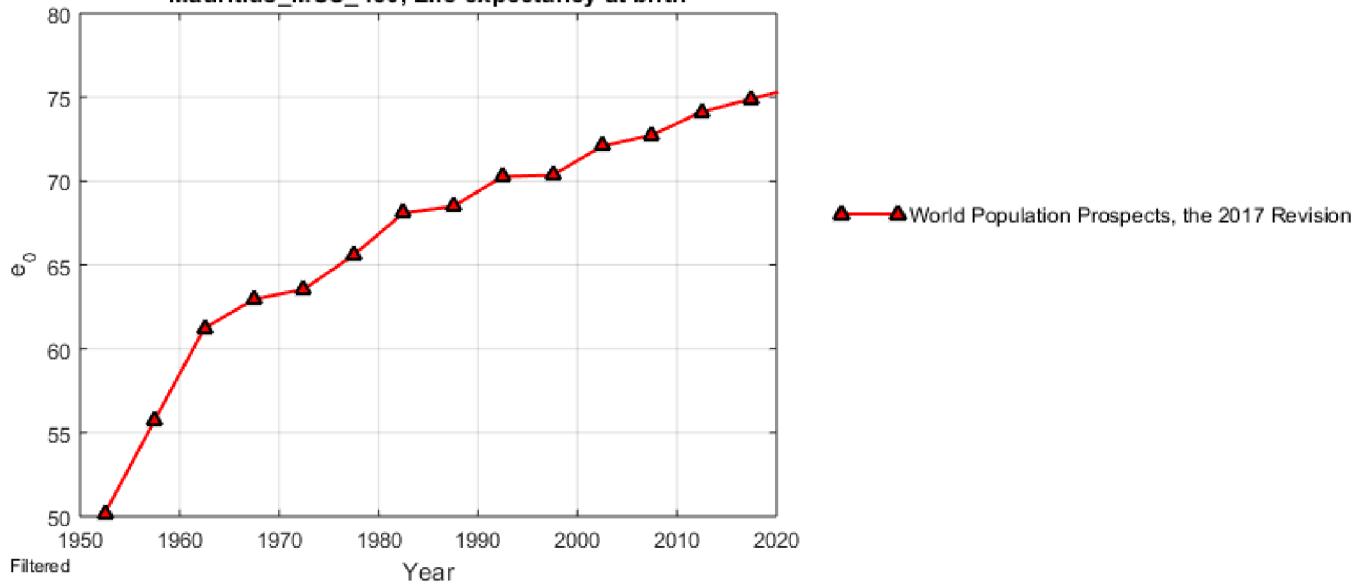
Mauritius_MUS_480, Life expectancy at birth, Males

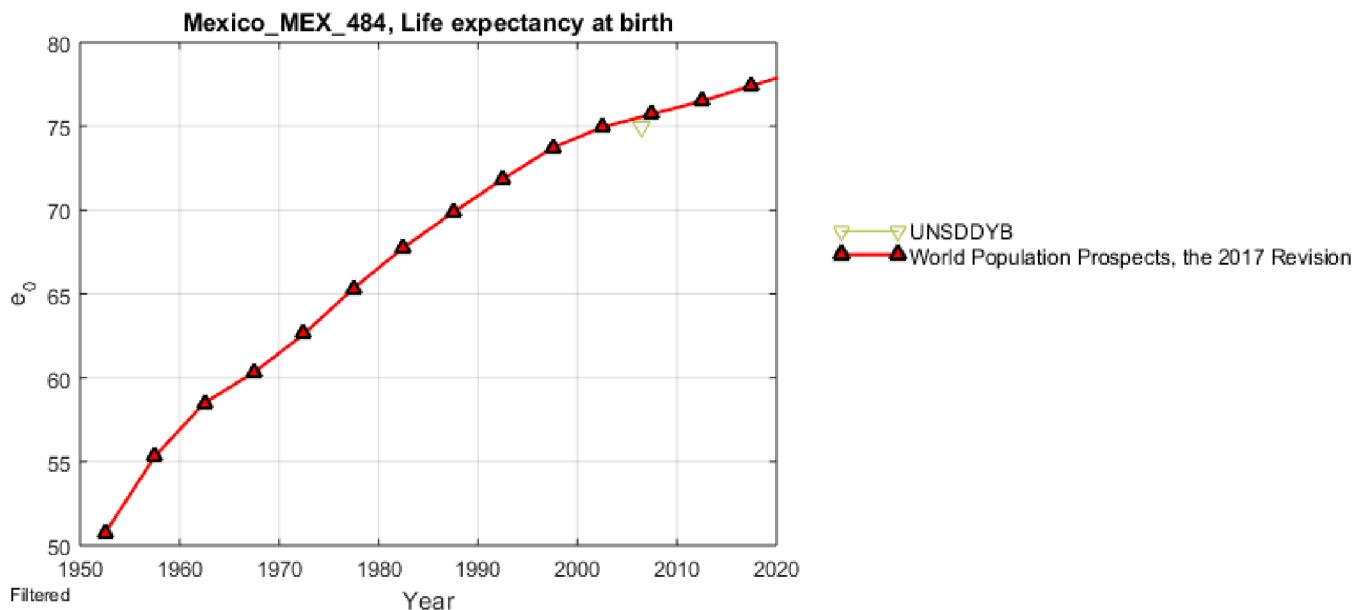
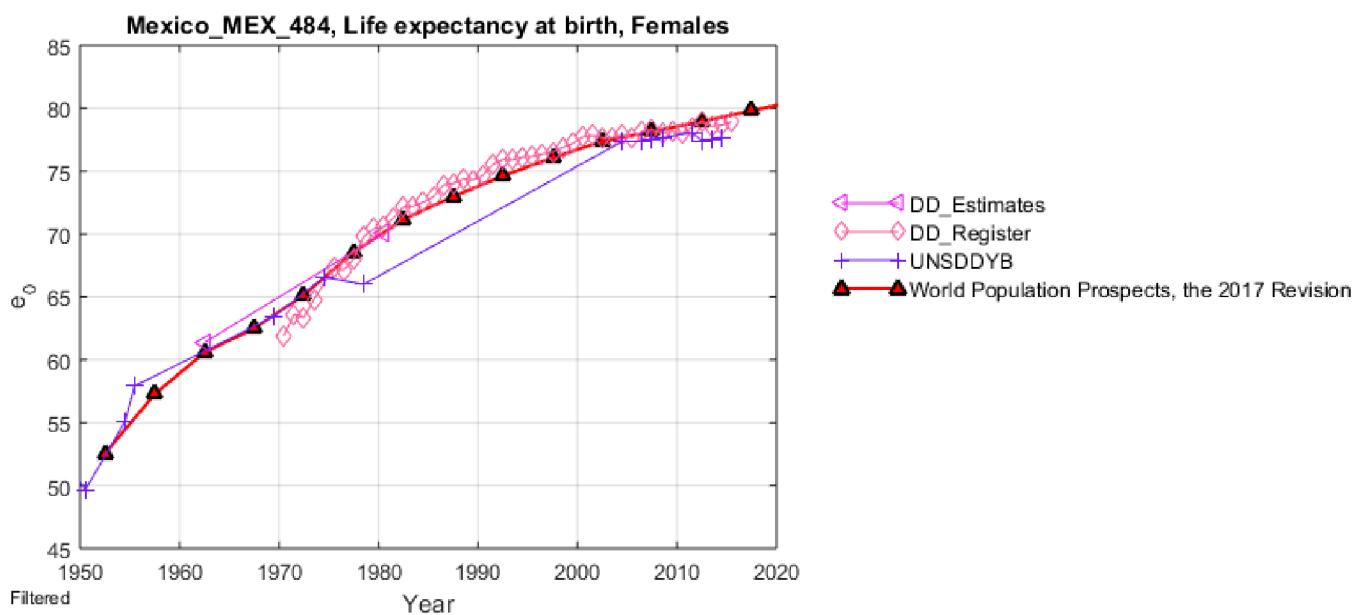
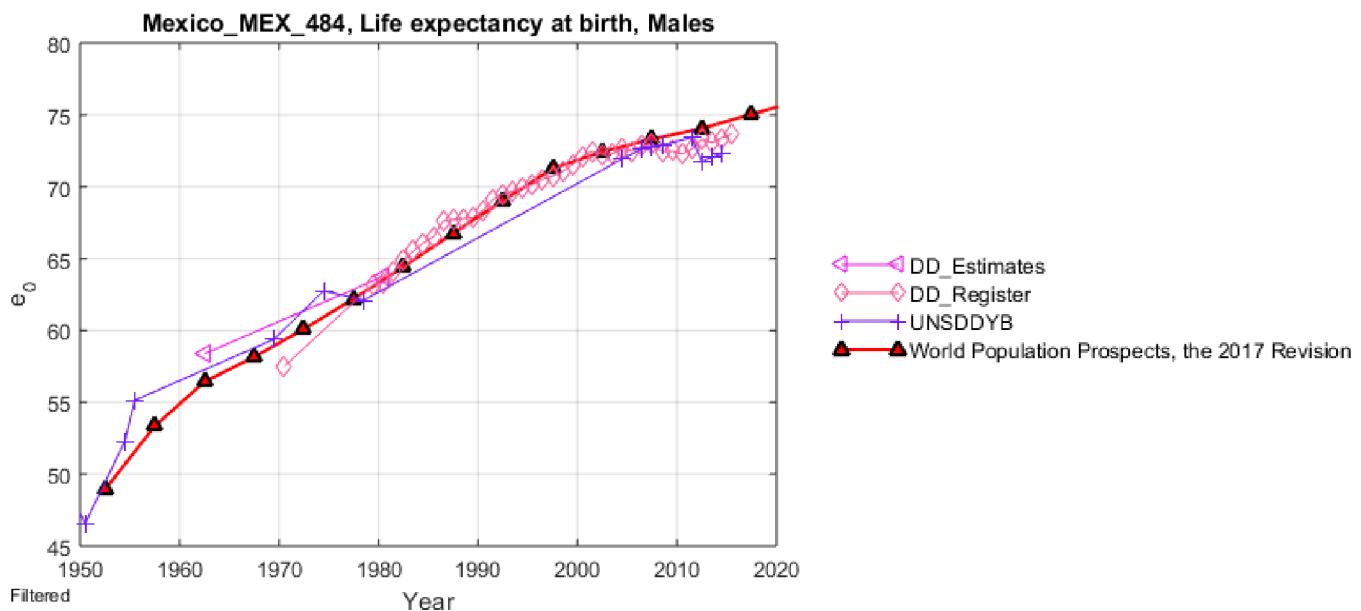


Mauritius_MUS_480, Life expectancy at birth, Females

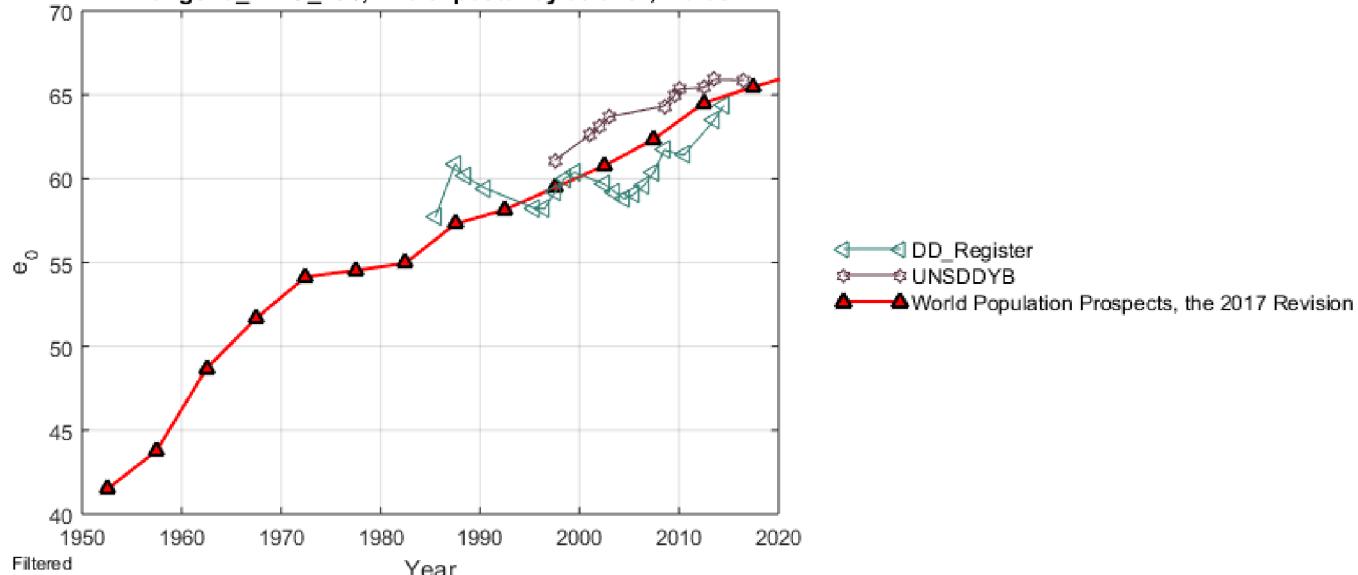


Mauritius_MUS_480, Life expectancy at birth

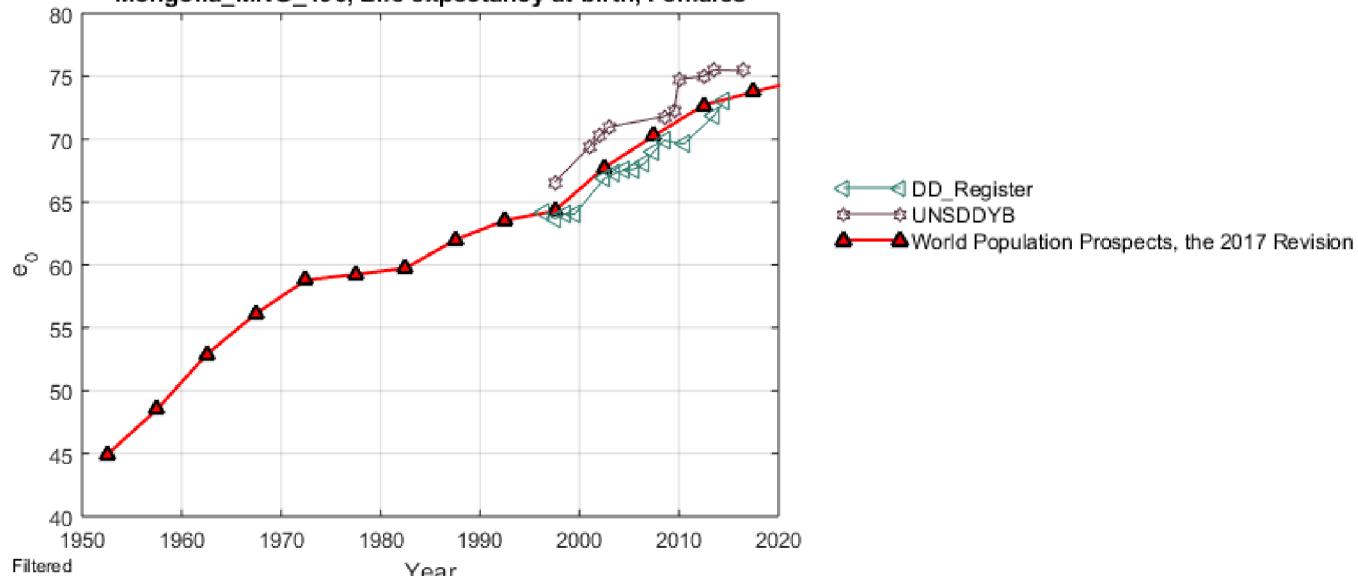




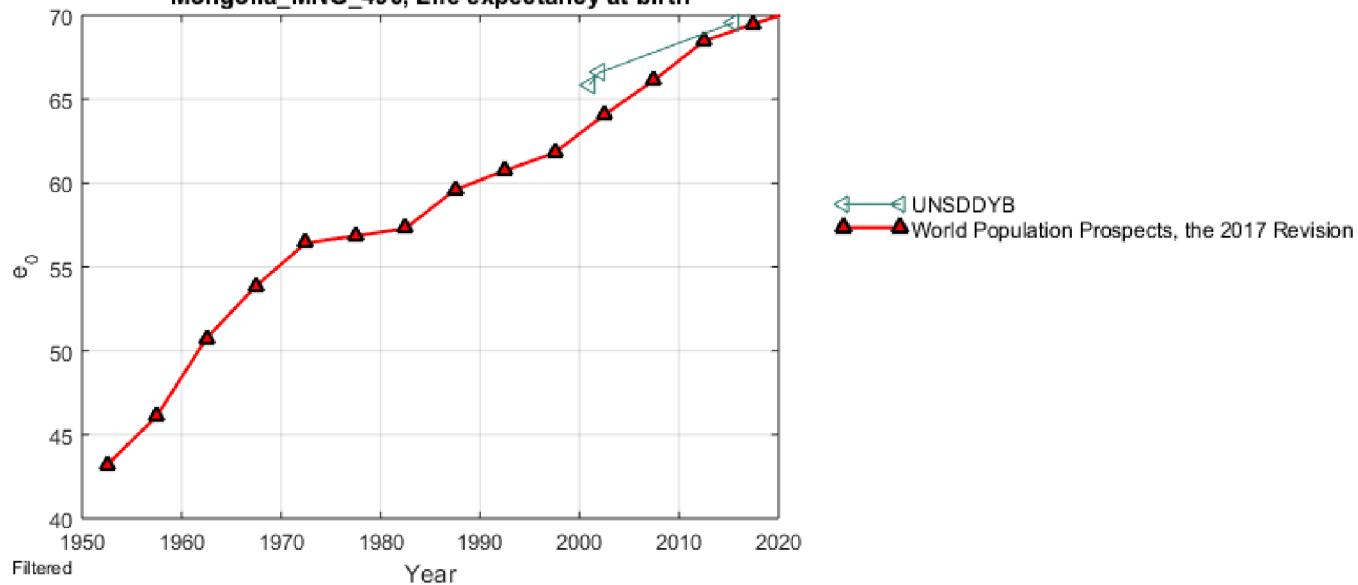
Mongolia_MNG_496, Life expectancy at birth, Males

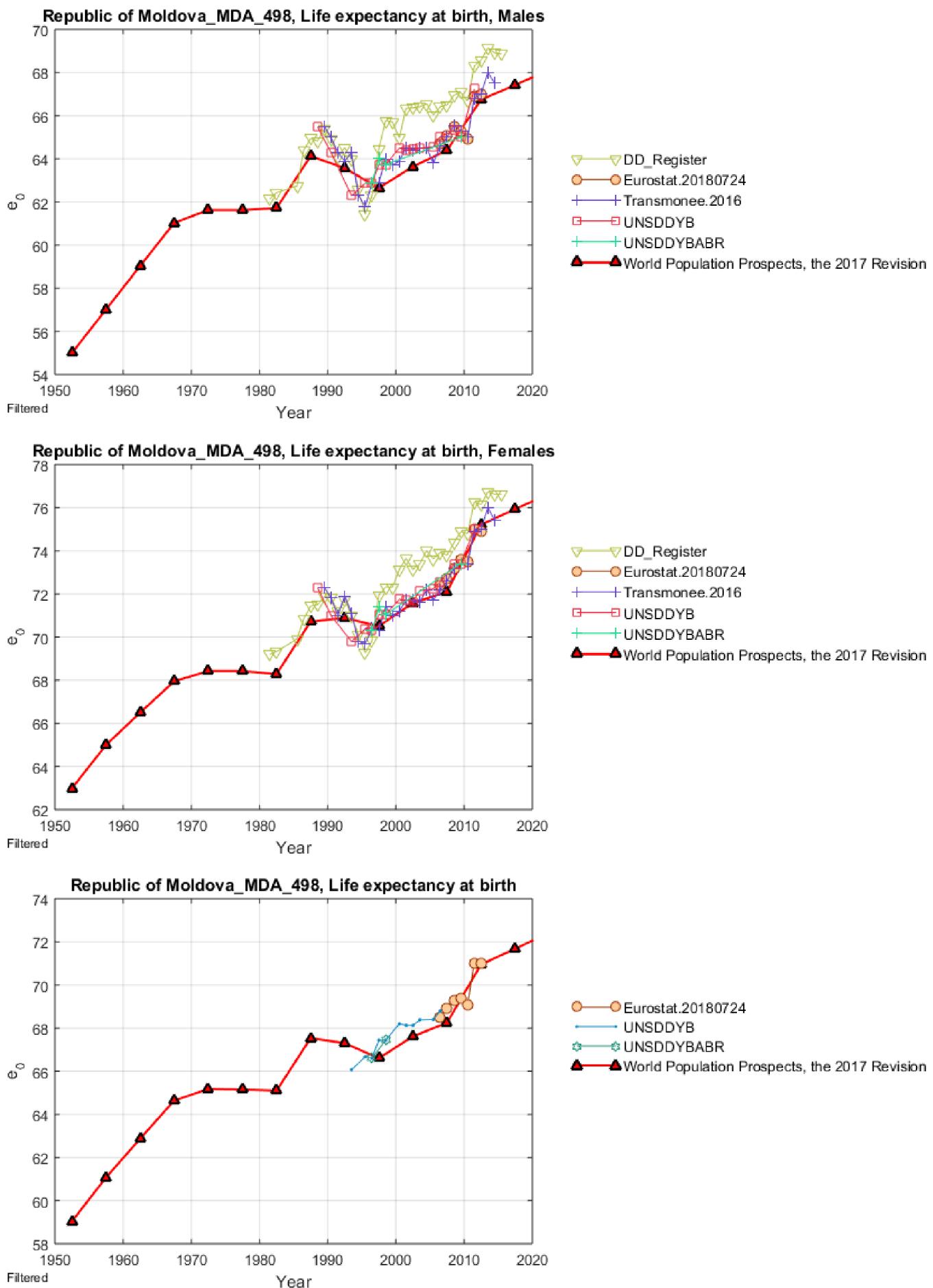


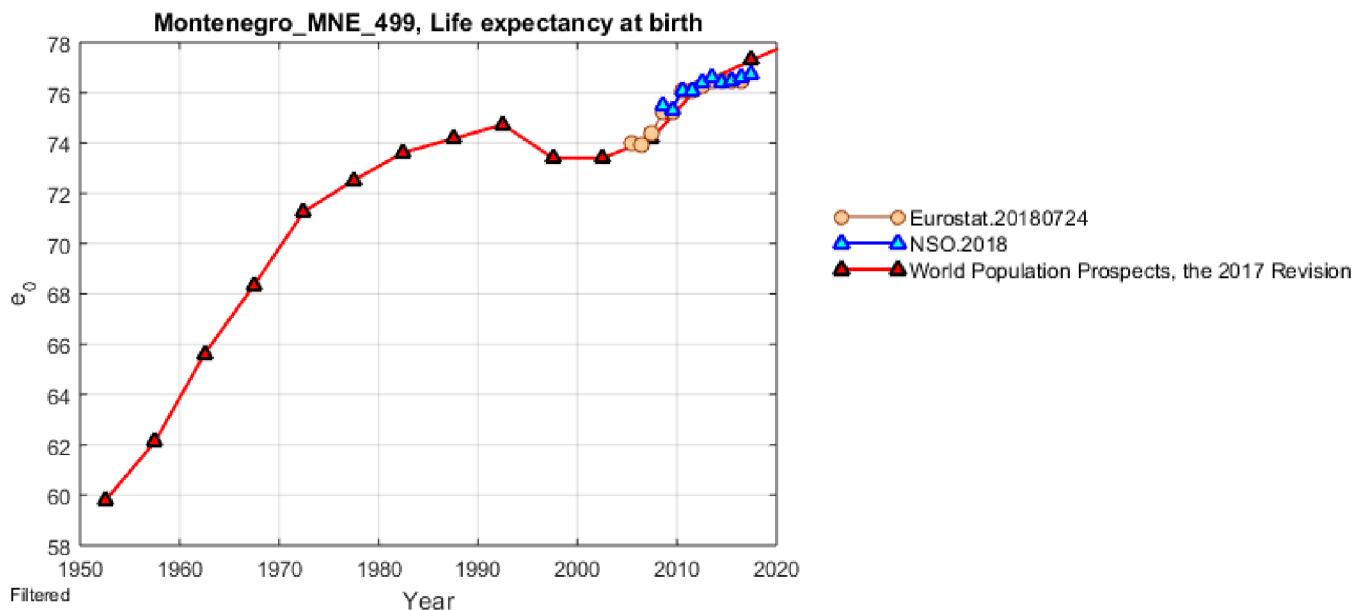
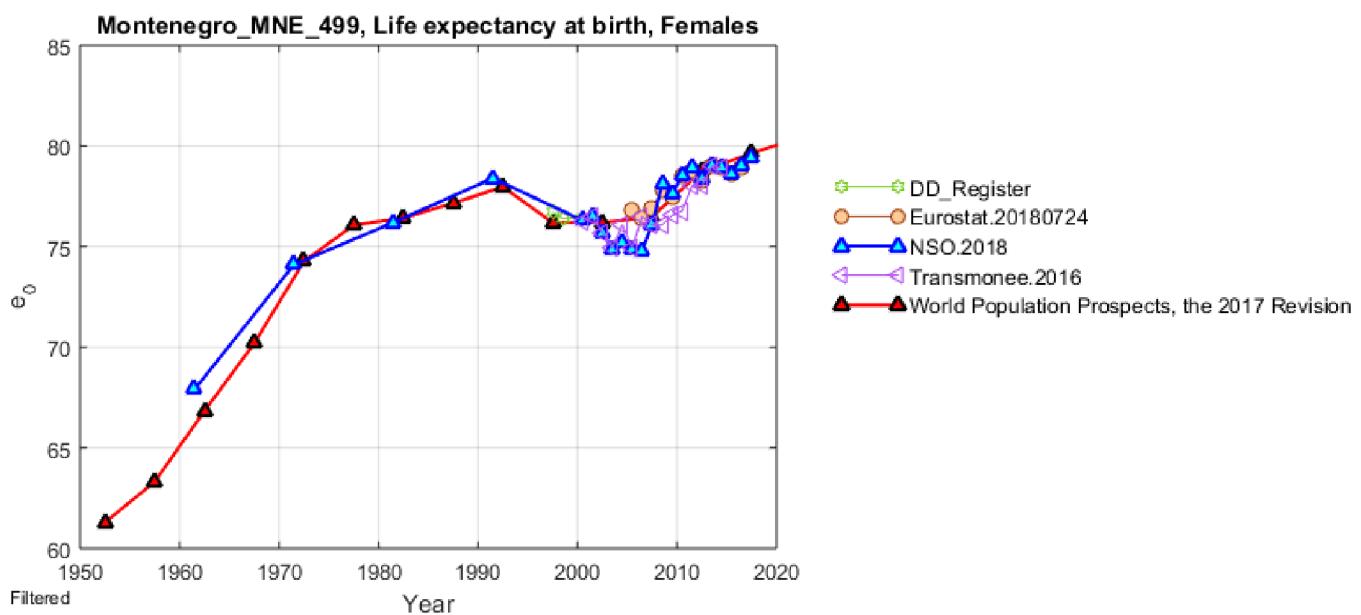
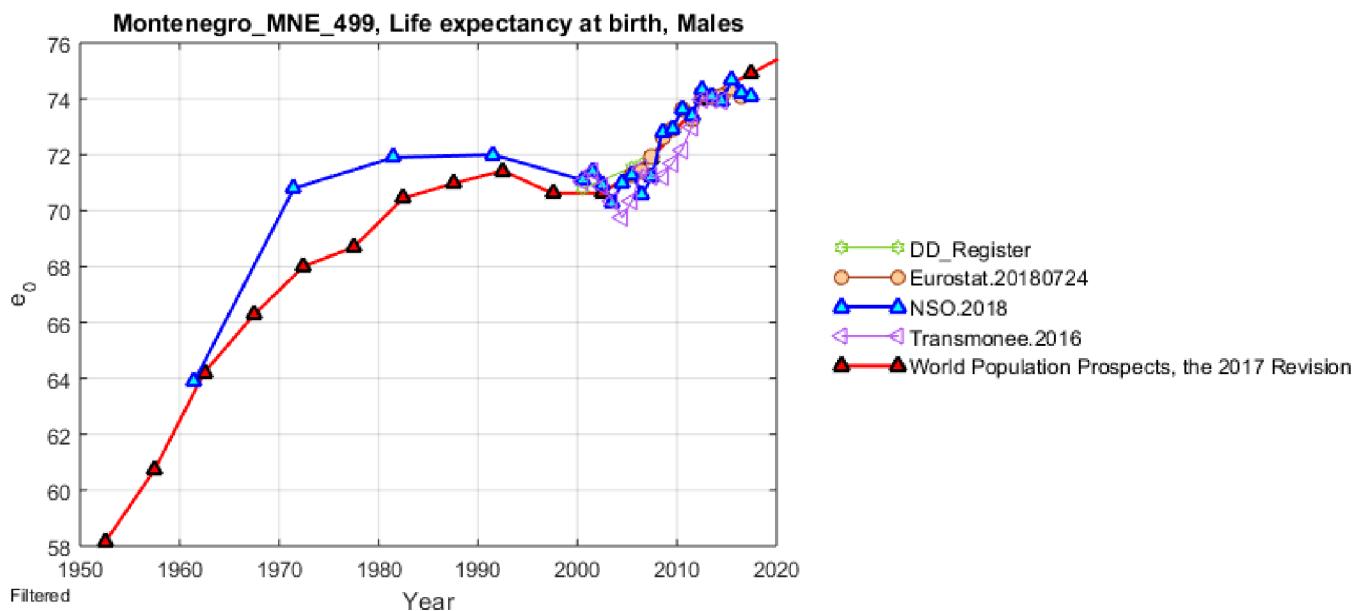
Mongolia_MNG_496, Life expectancy at birth, Females

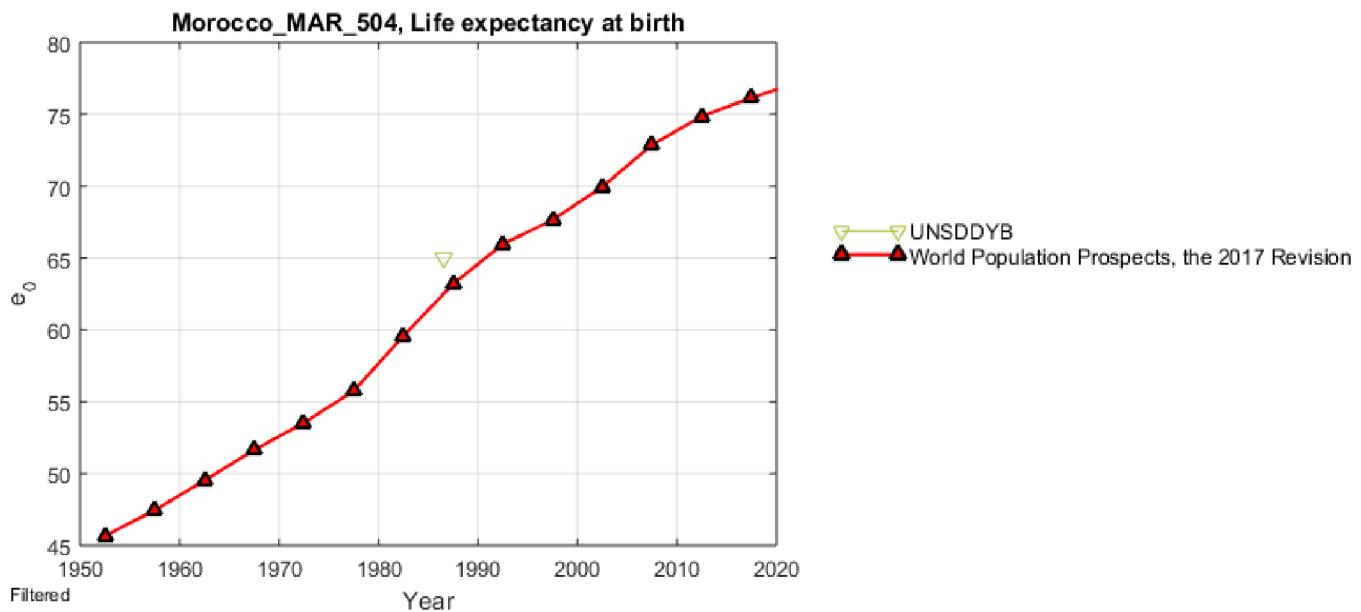
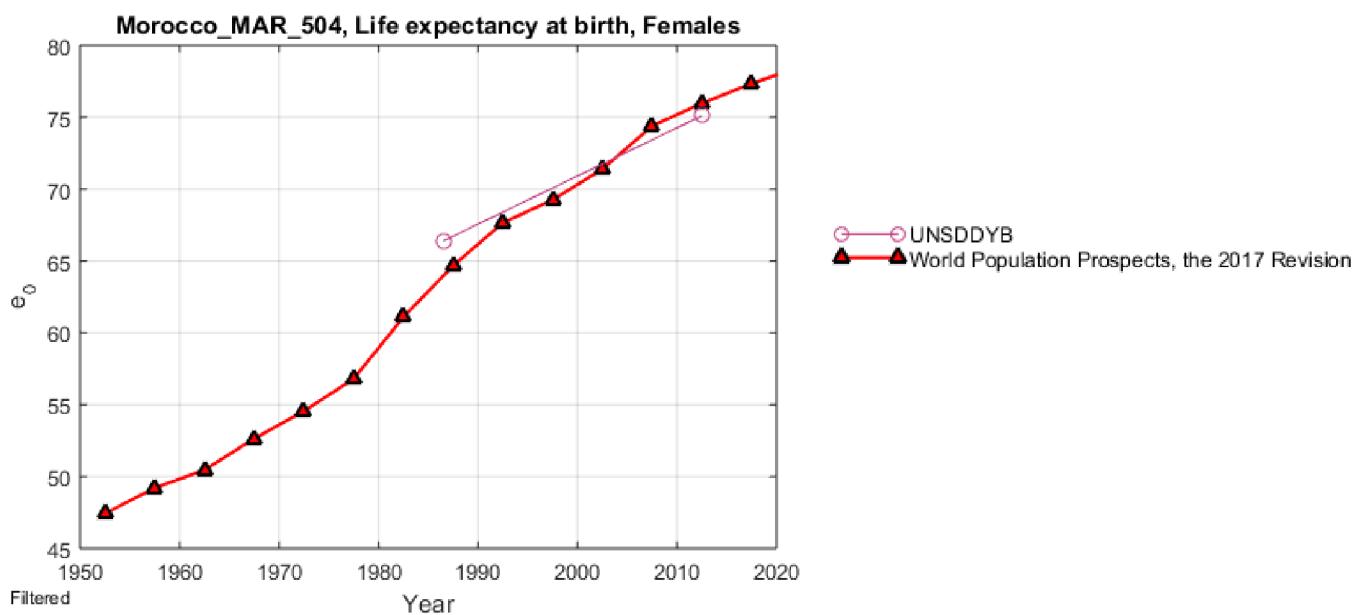


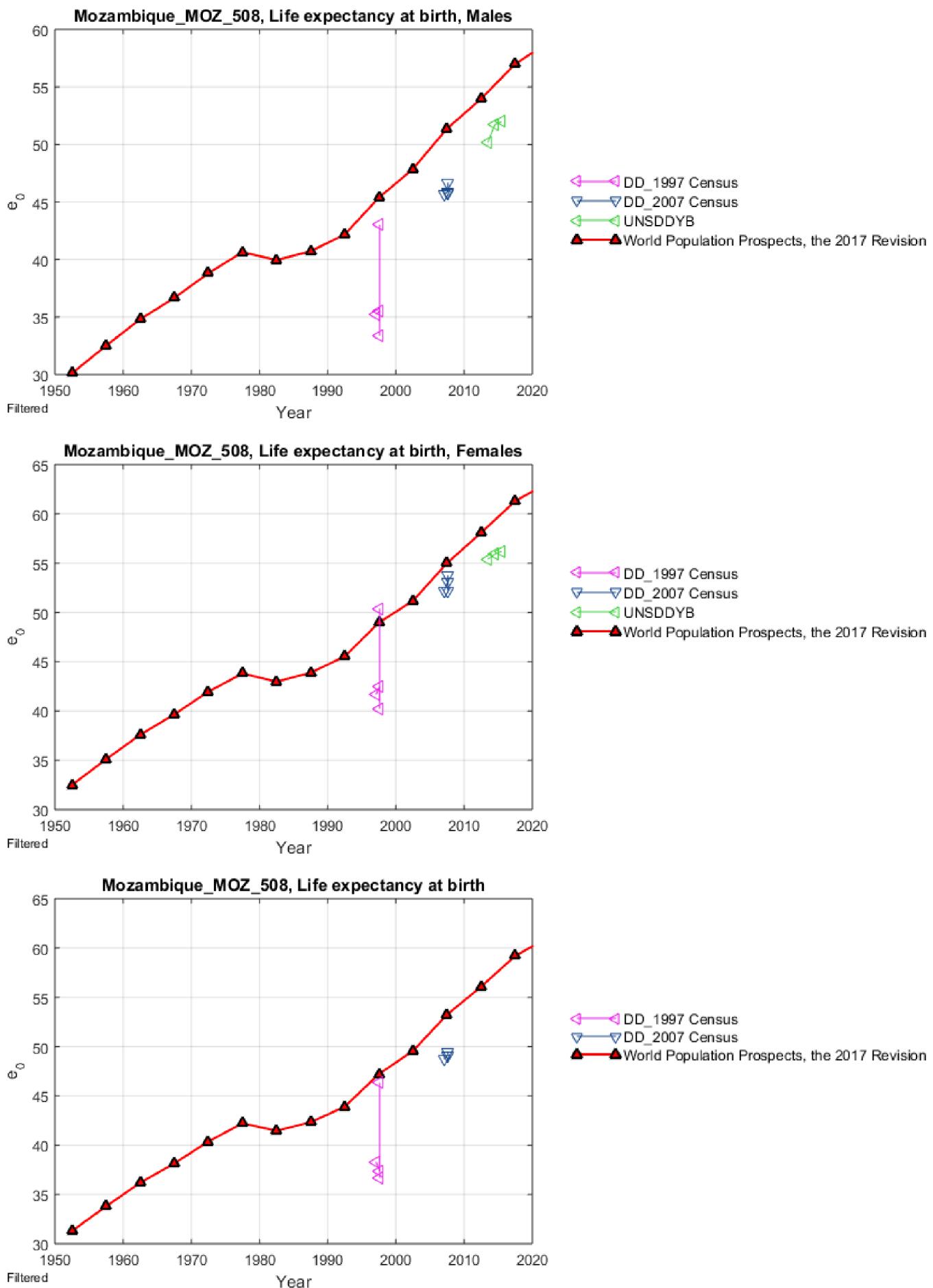
Mongolia_MNG_496, Life expectancy at birth

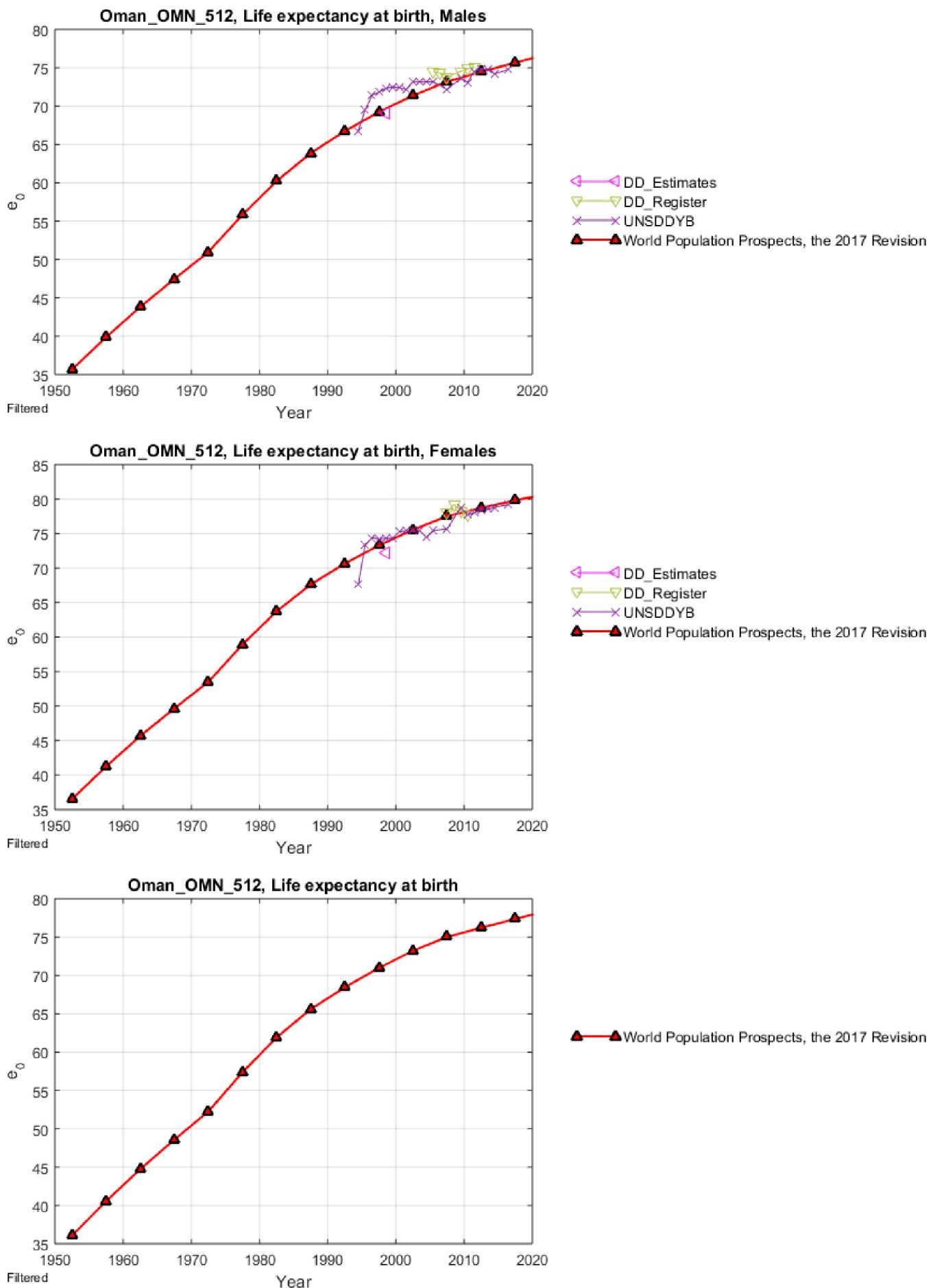


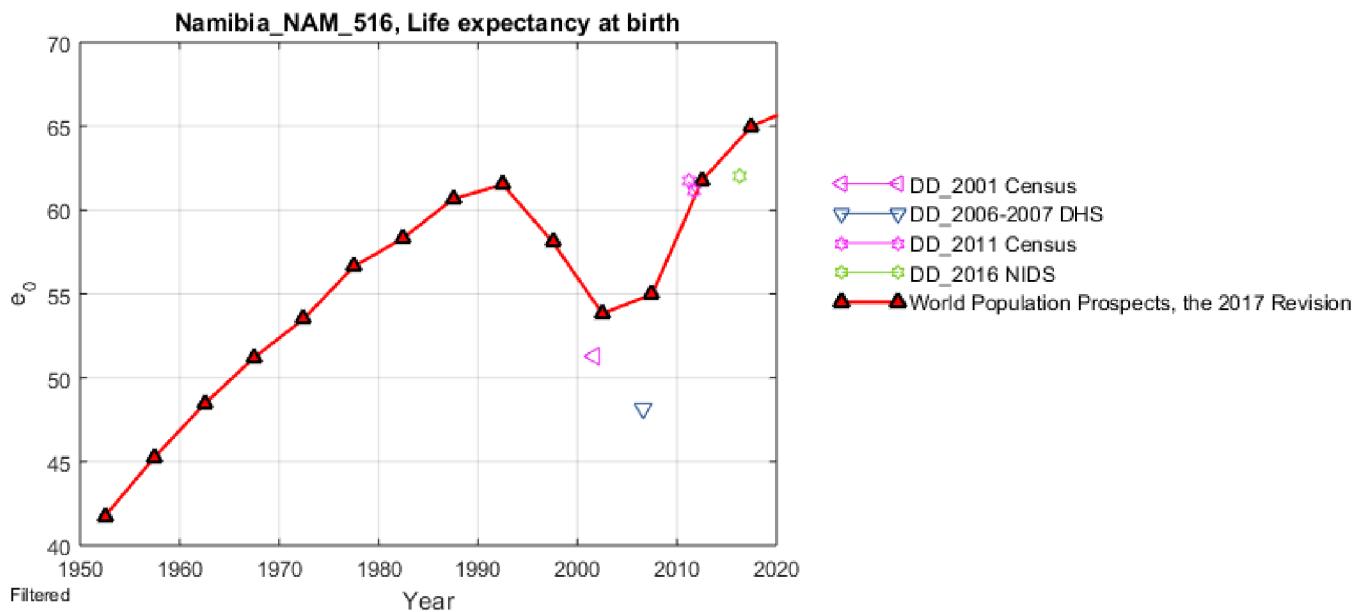
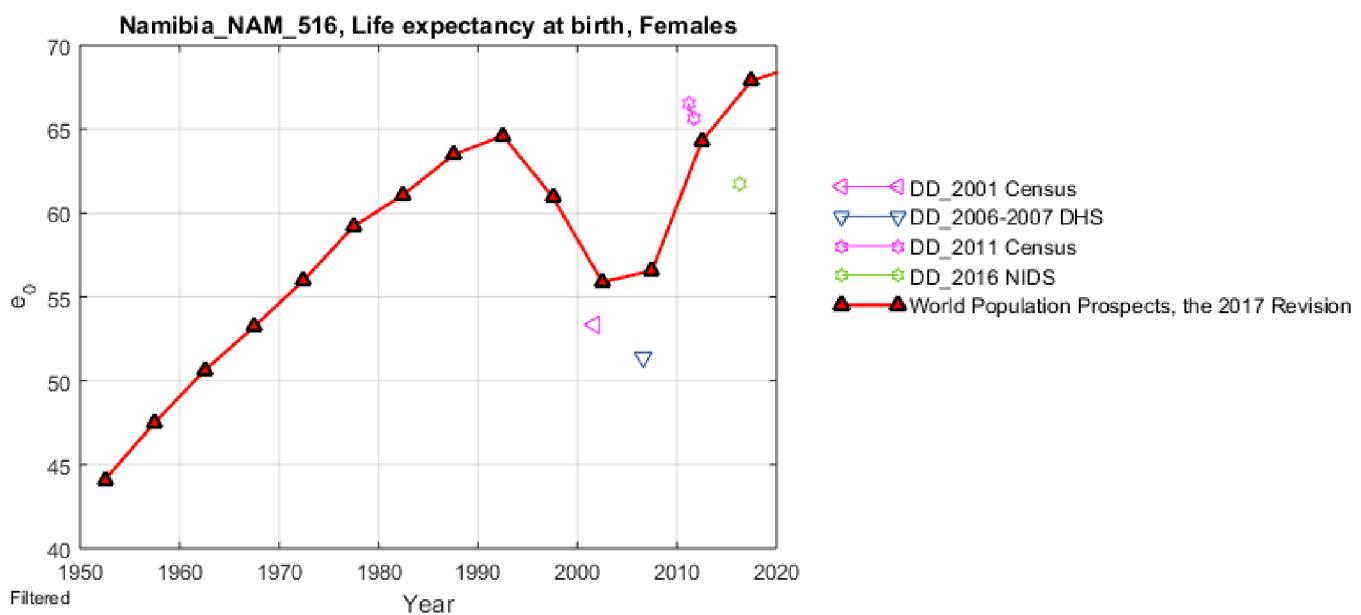
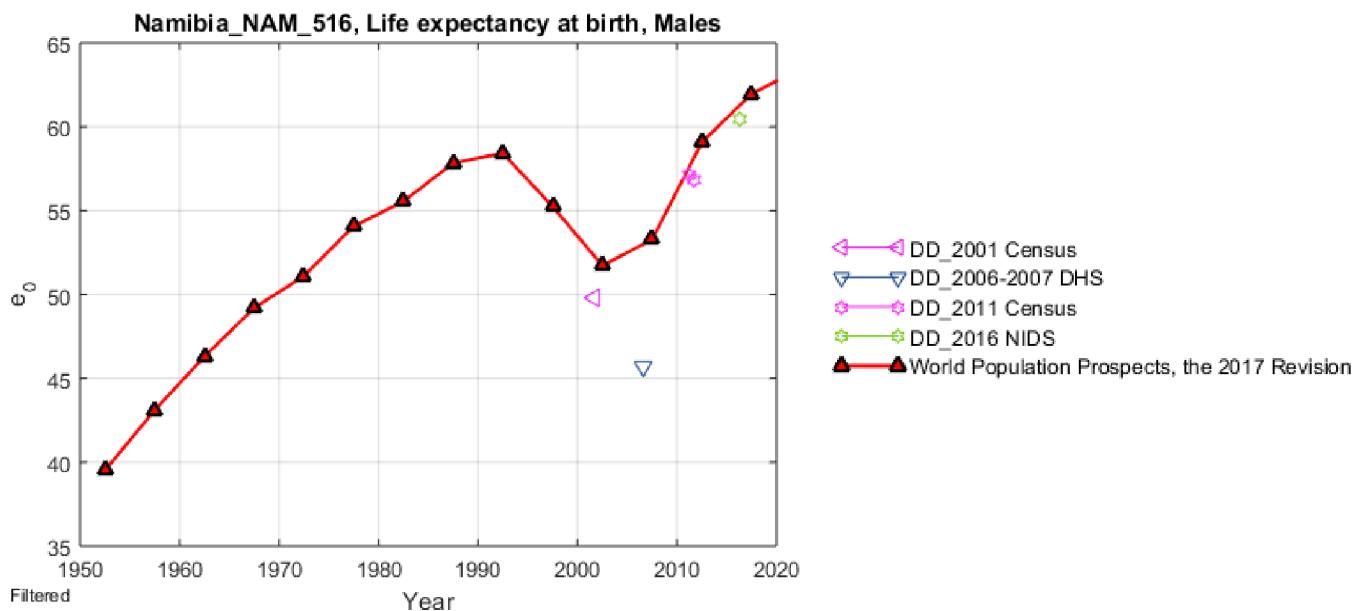


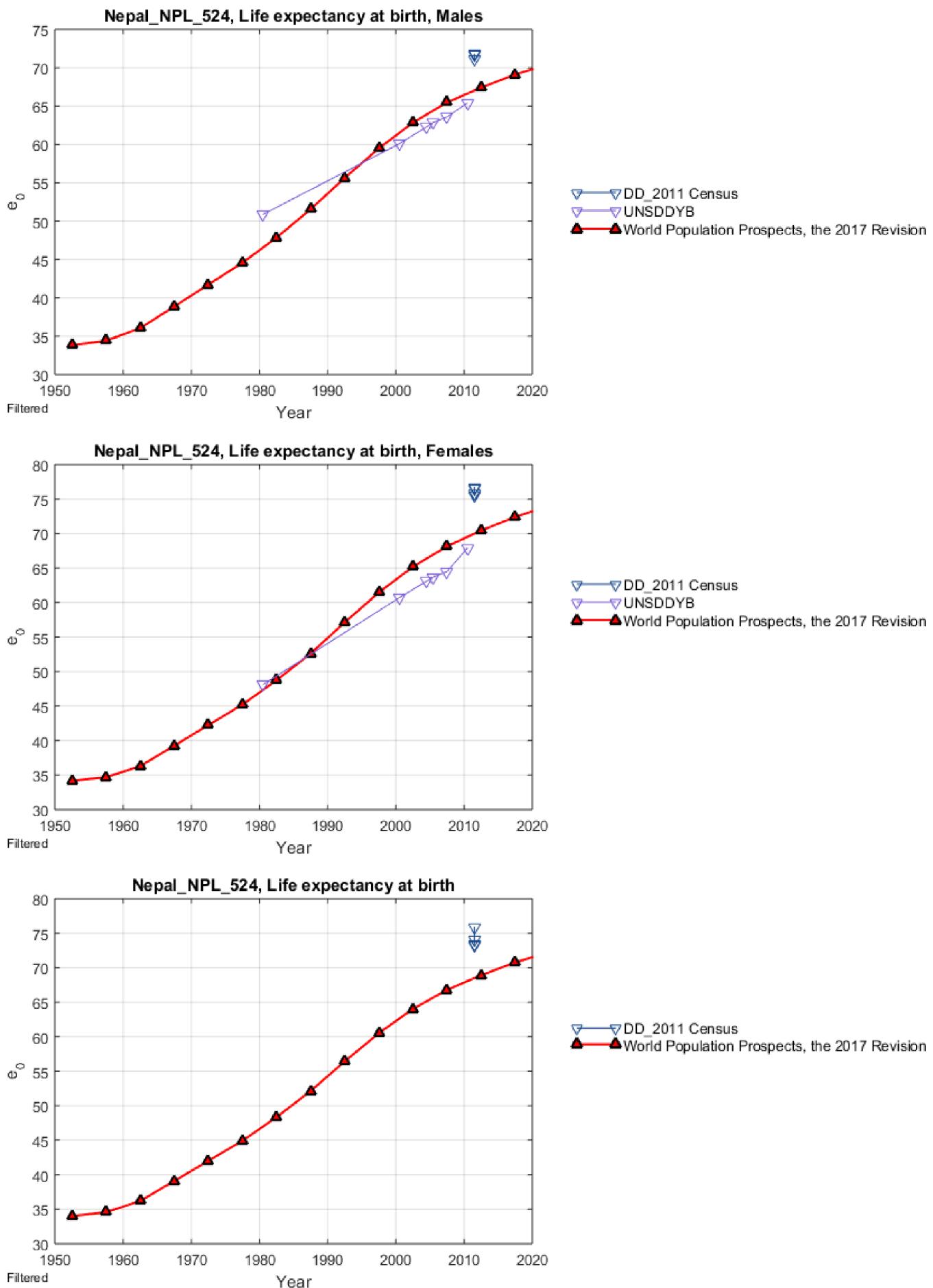


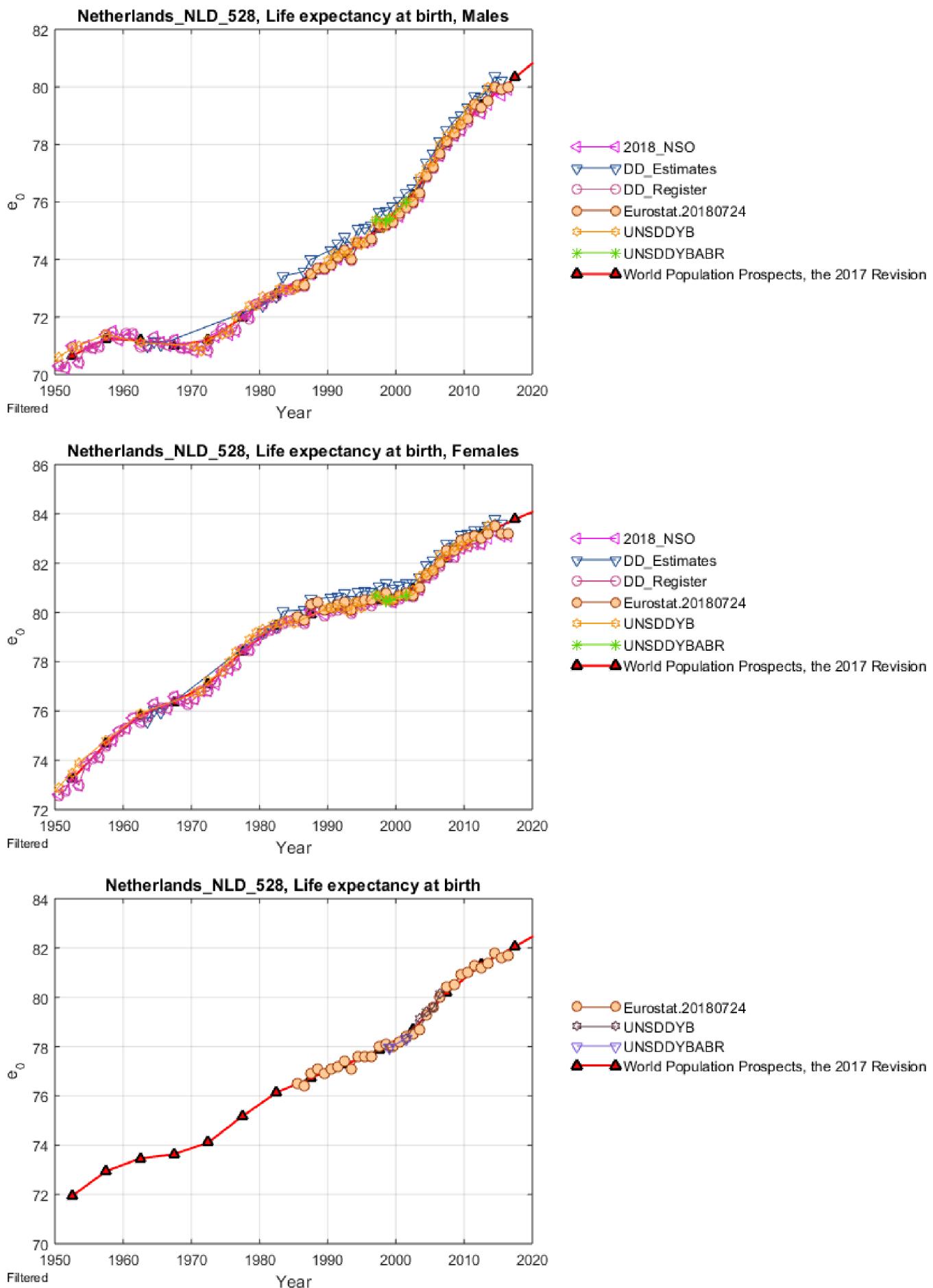


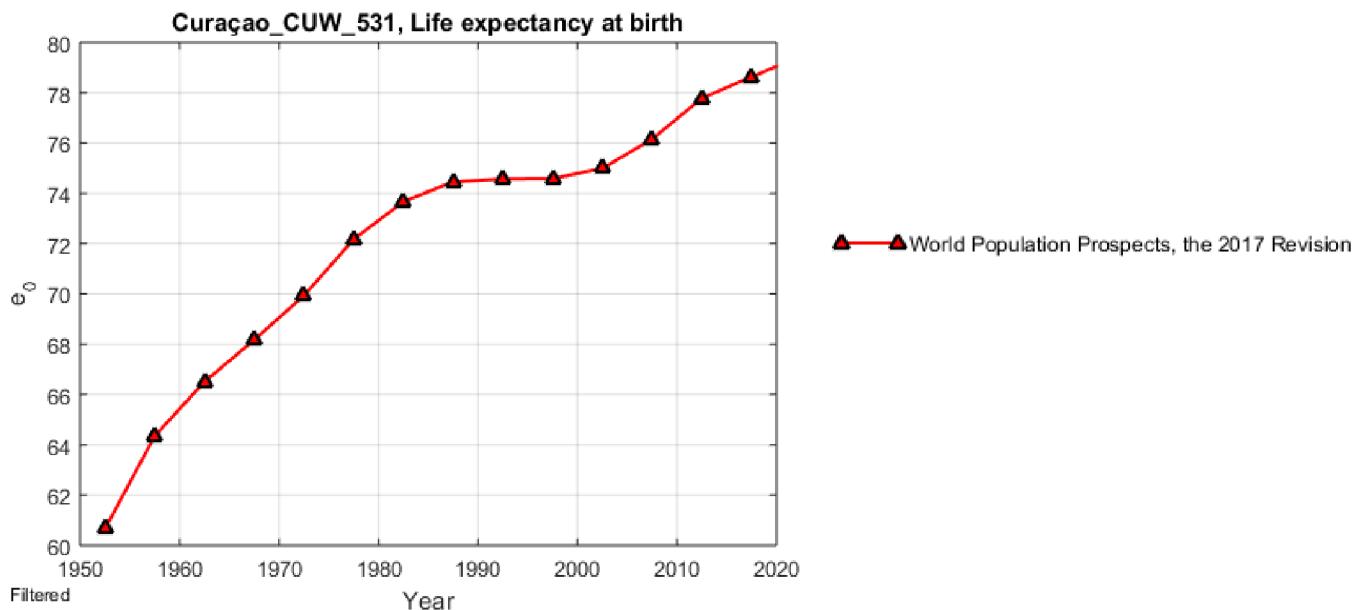
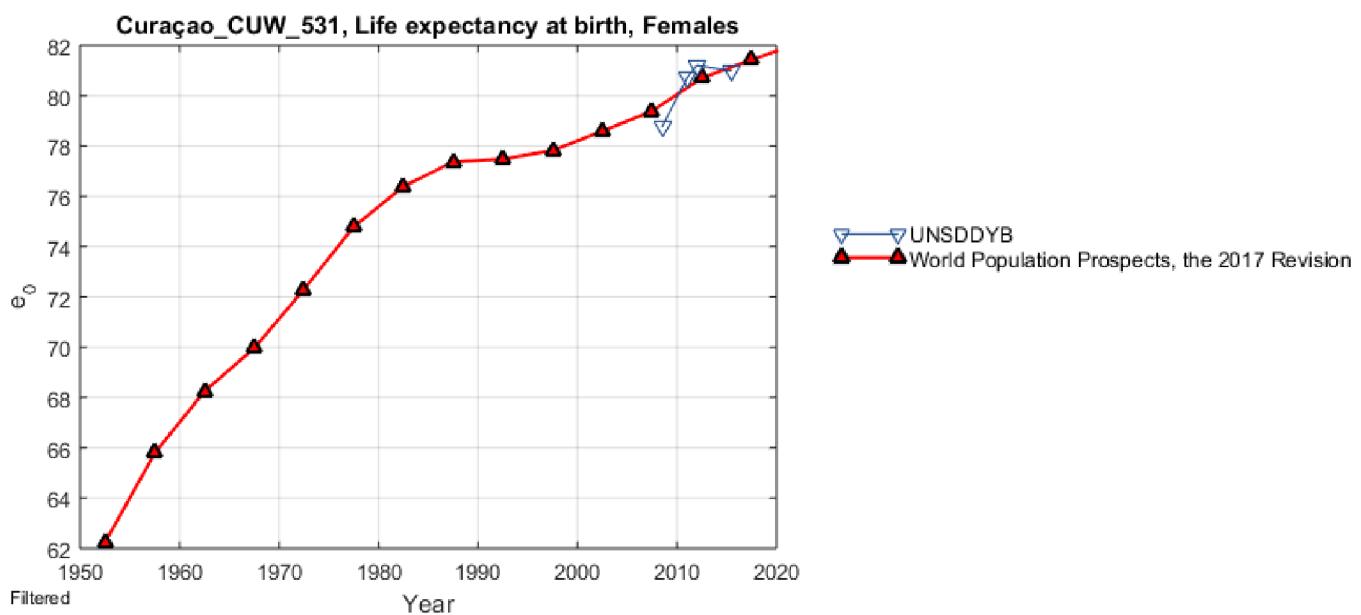
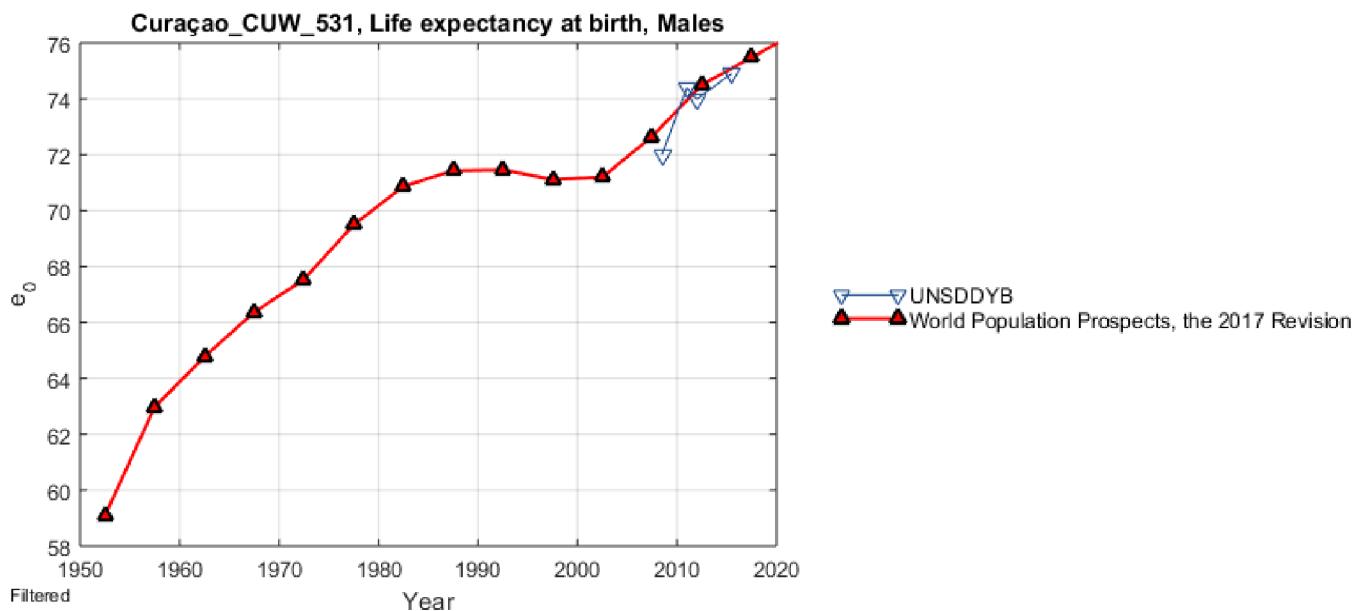


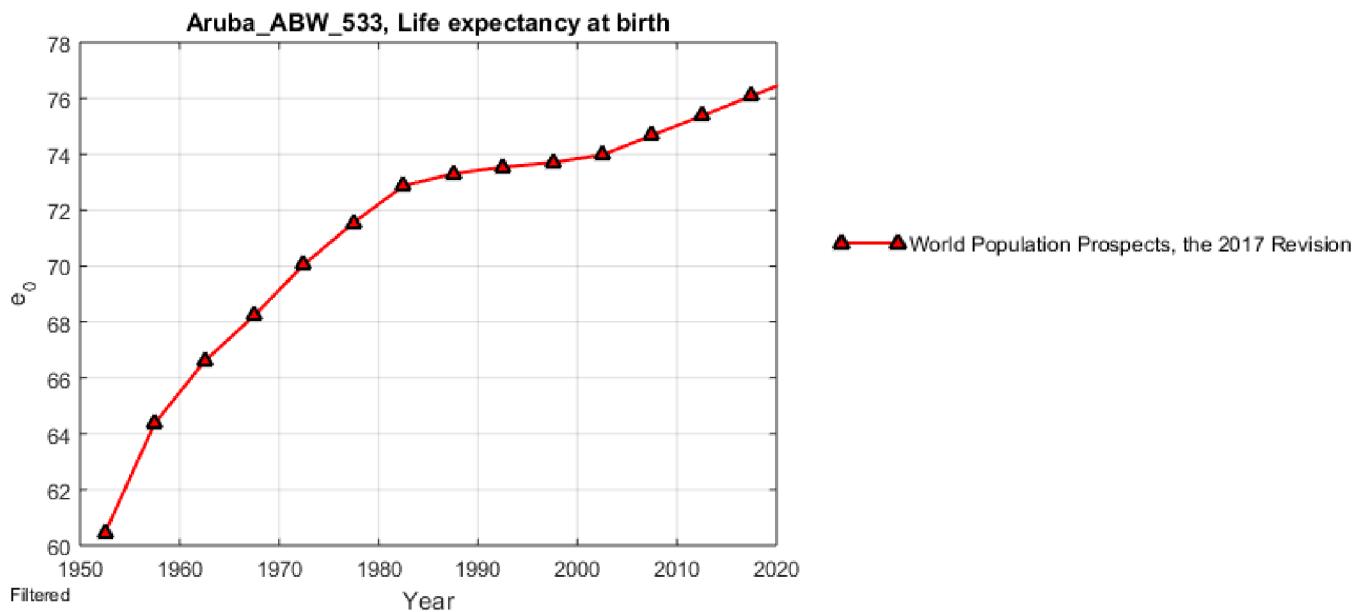
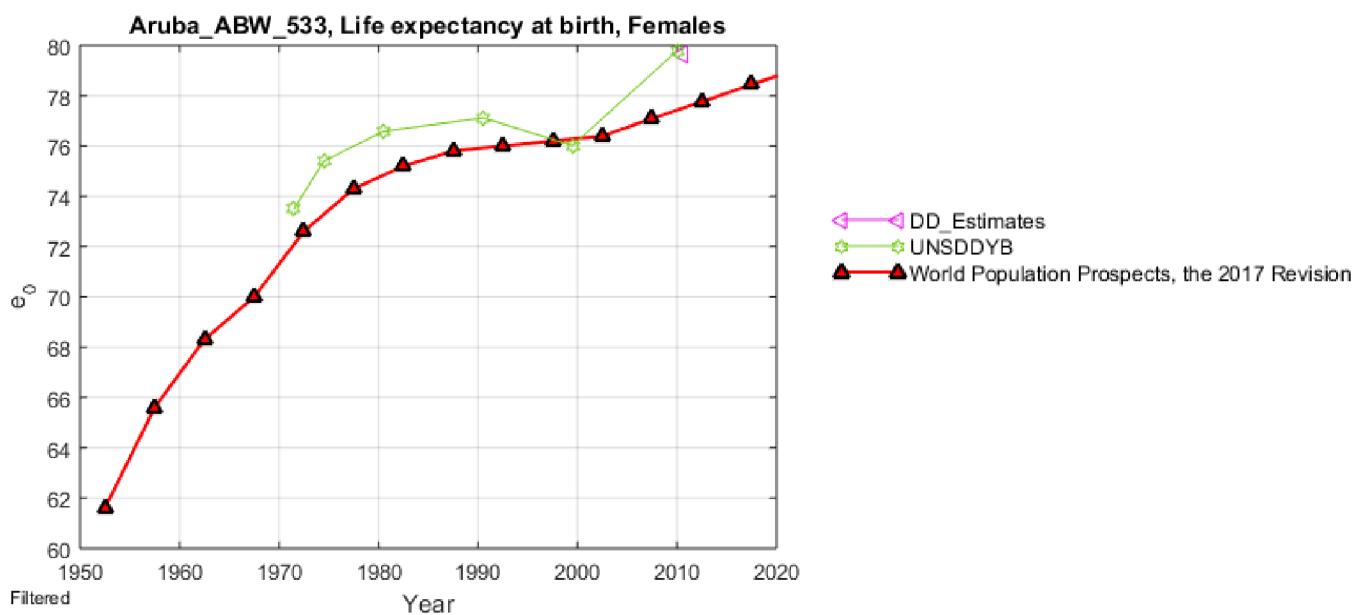
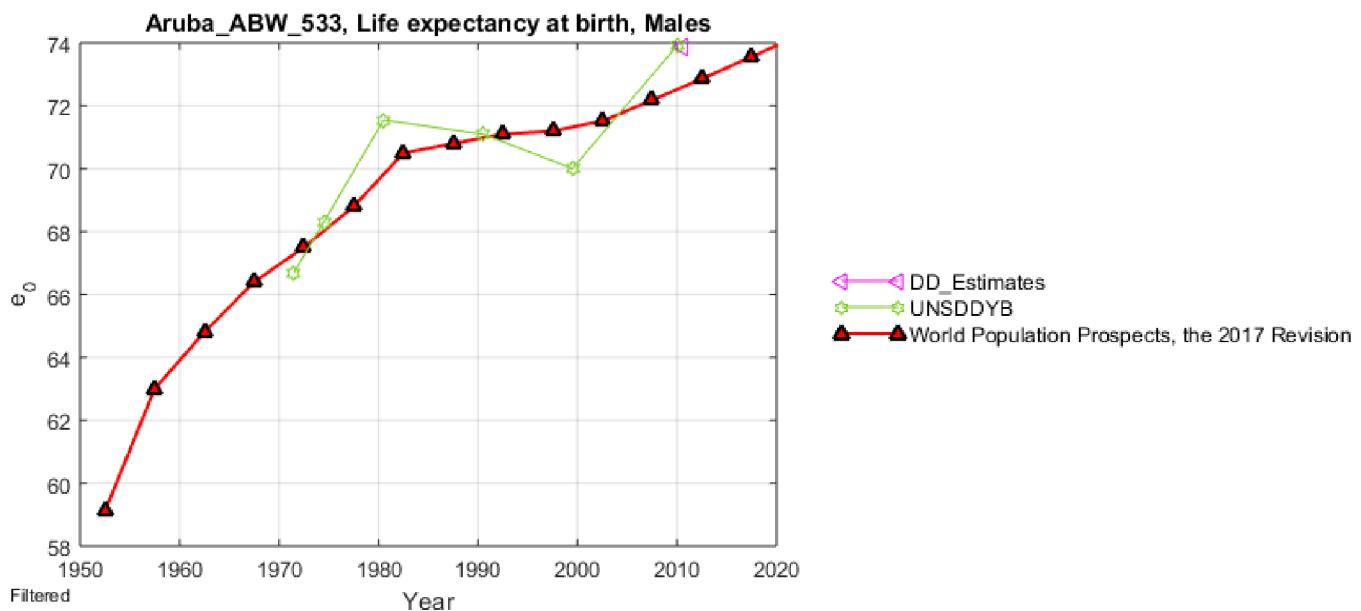


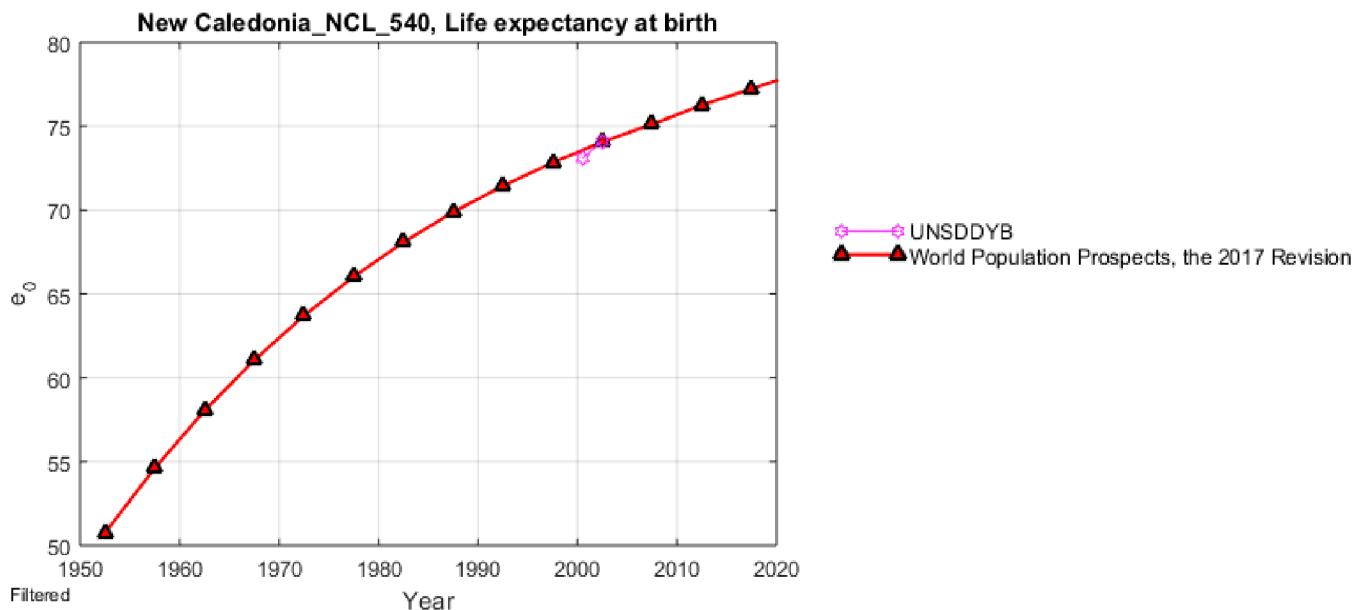
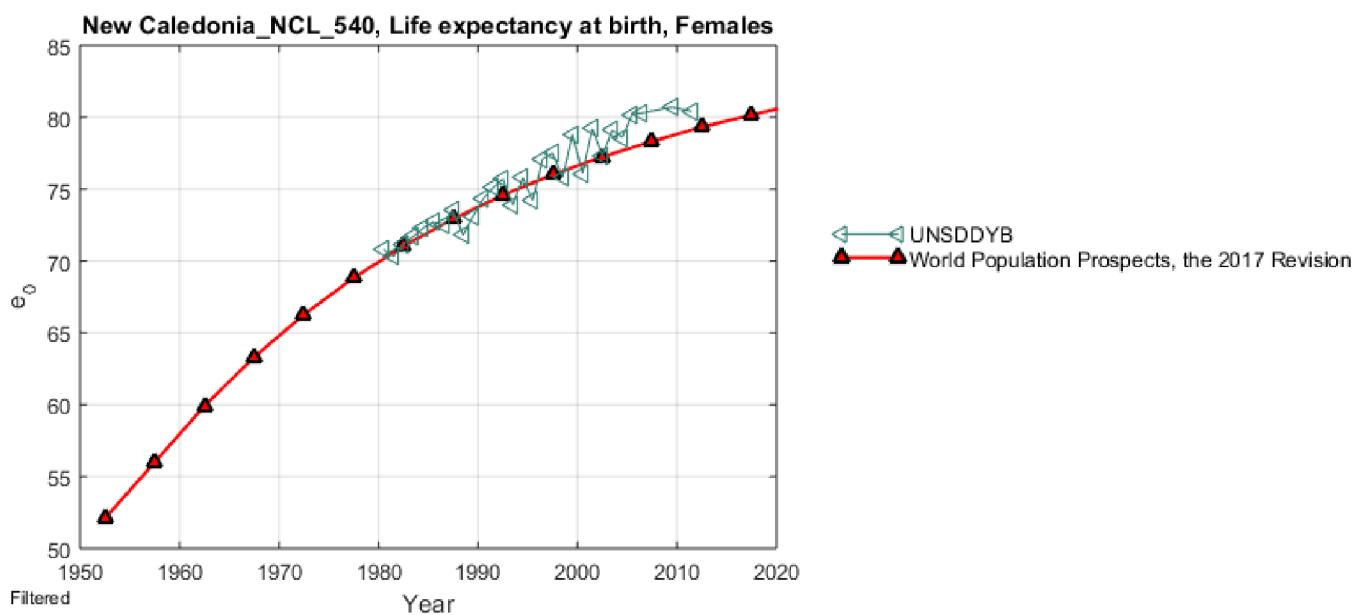
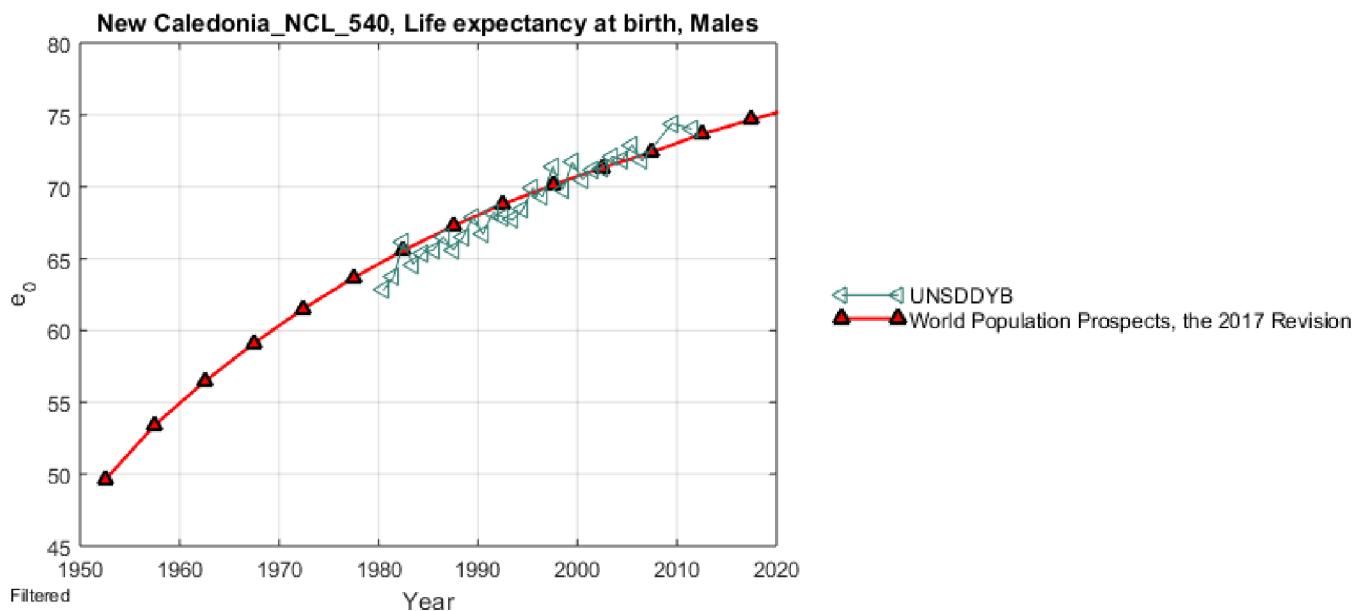




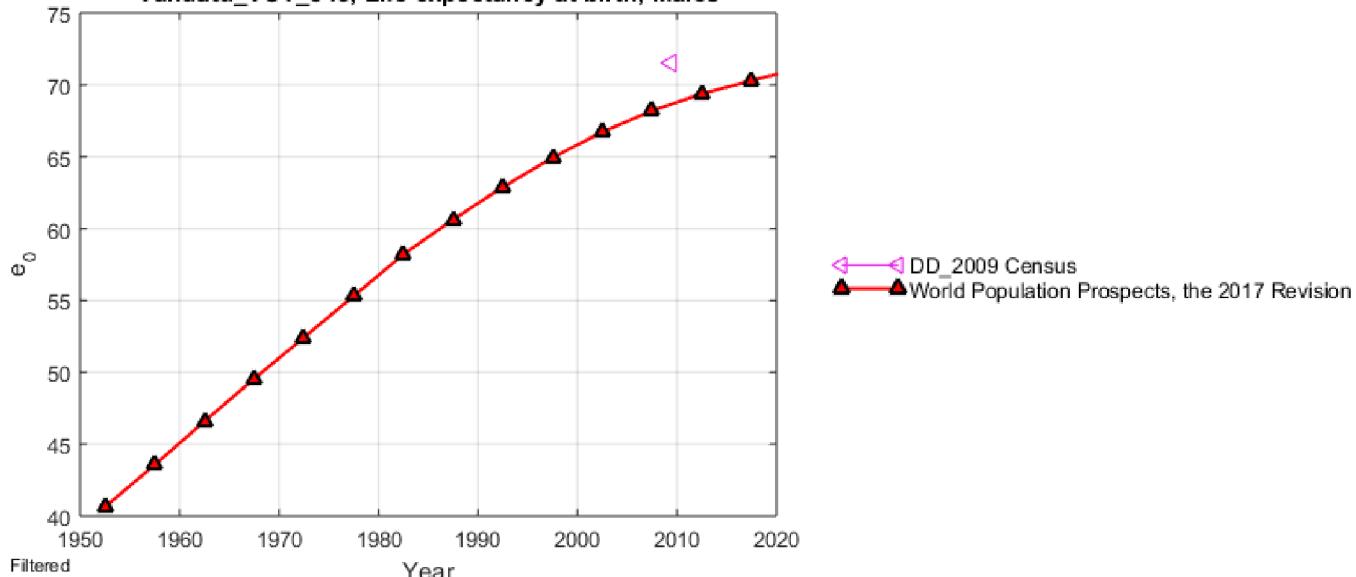




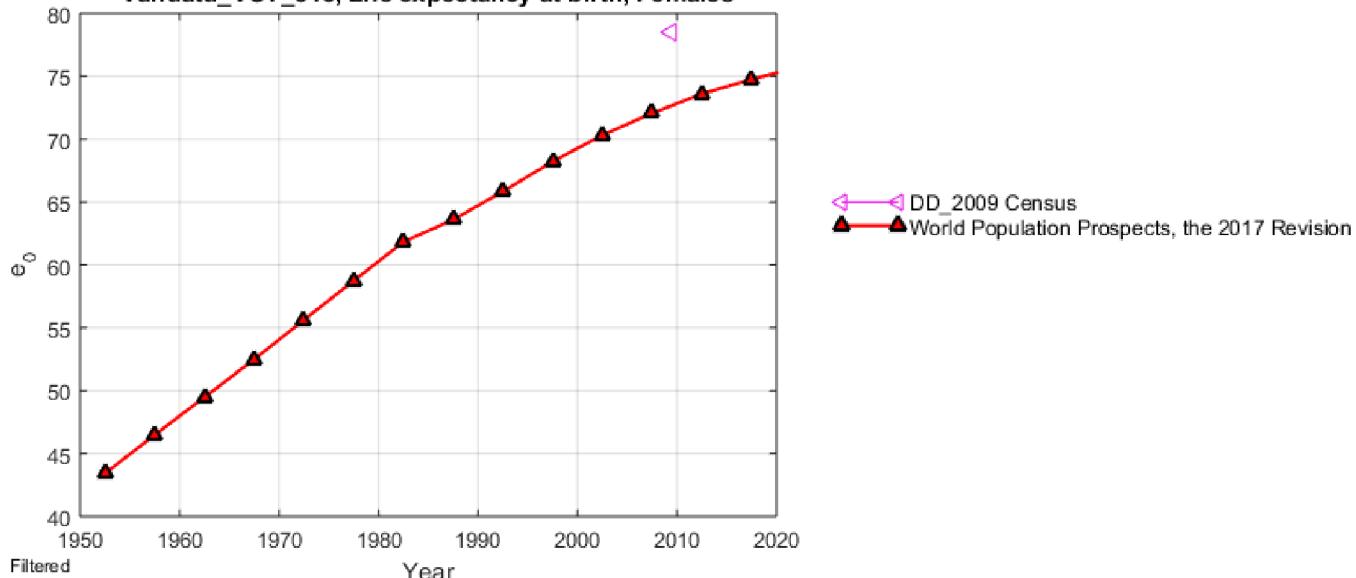




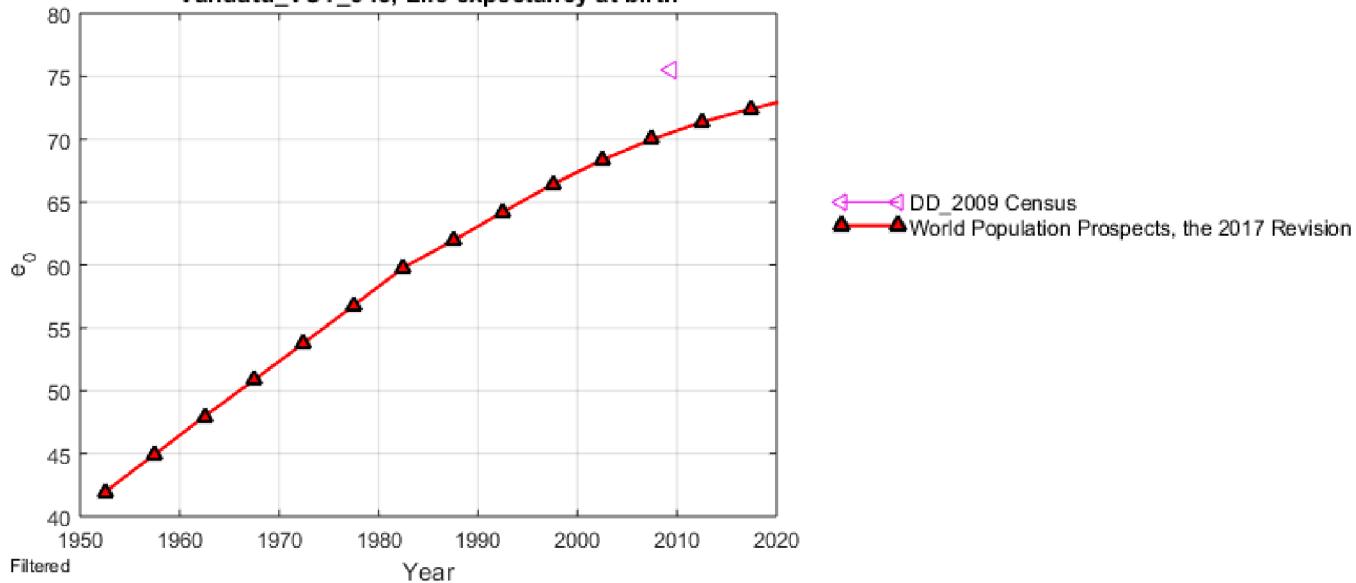
Vanuatu_VUT_548, Life expectancy at birth, Males

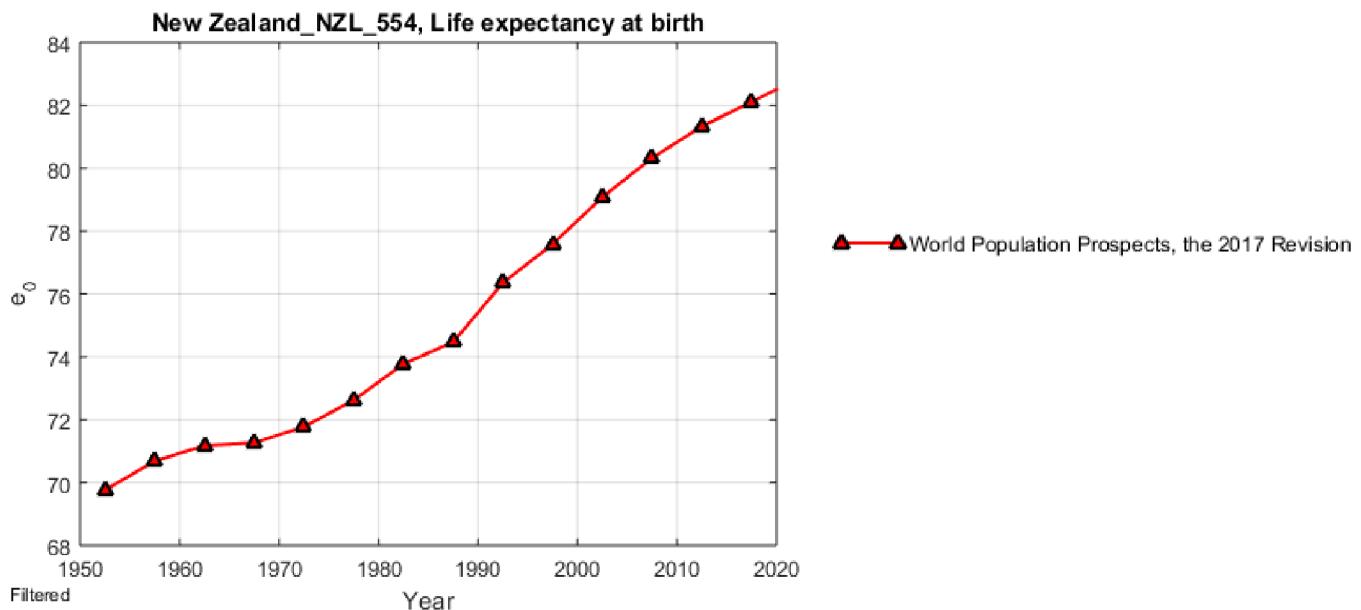
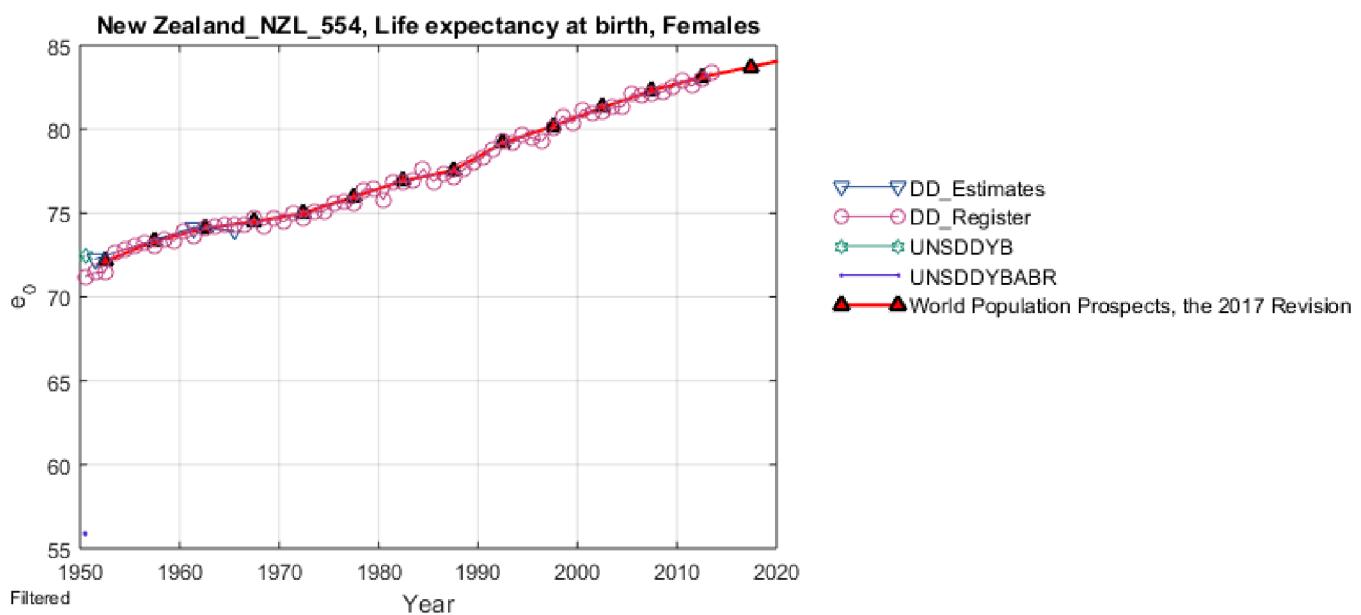
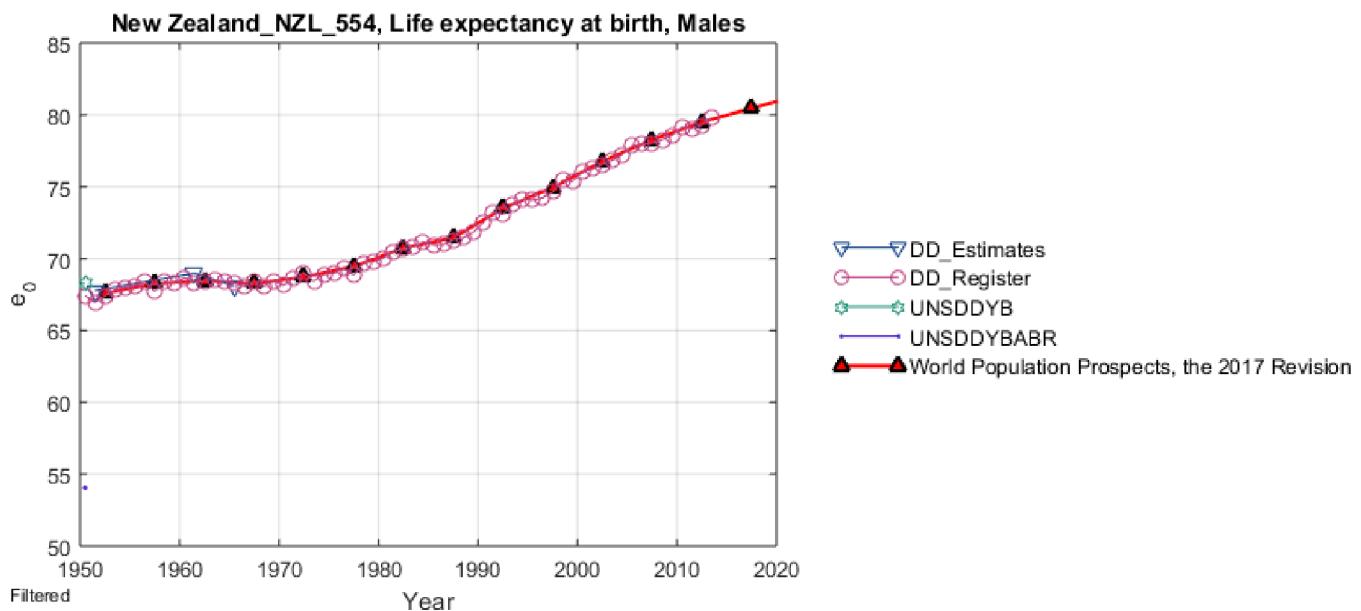


Vanuatu_VUT_548, Life expectancy at birth, Females

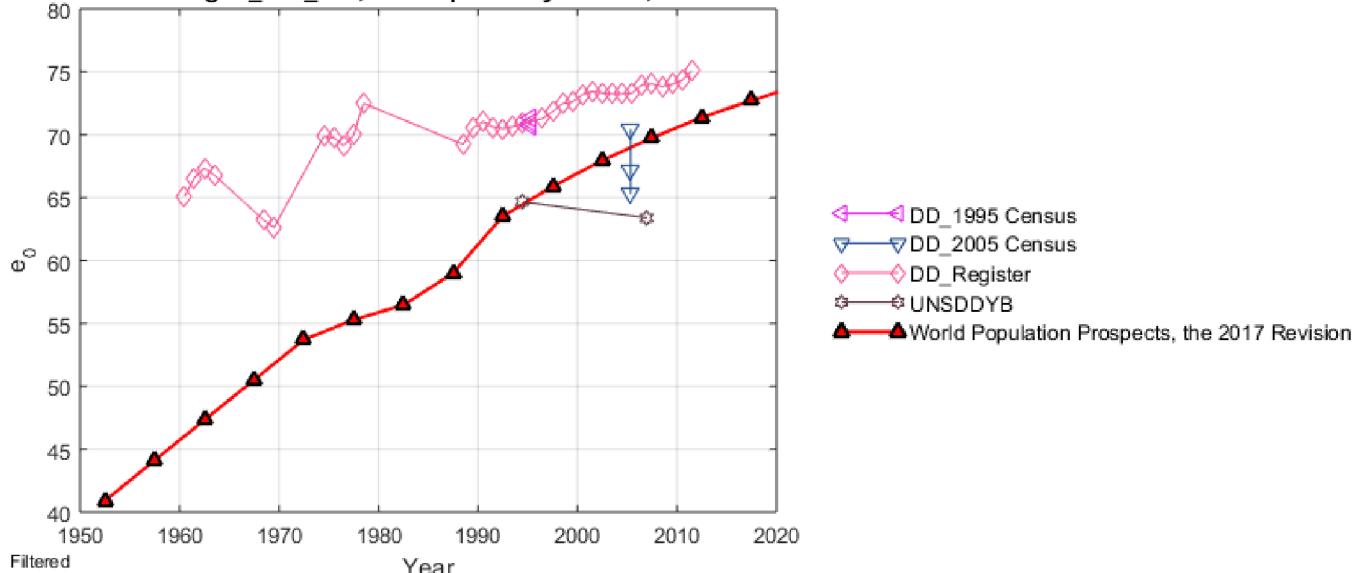


Vanuatu_VUT_548, Life expectancy at birth

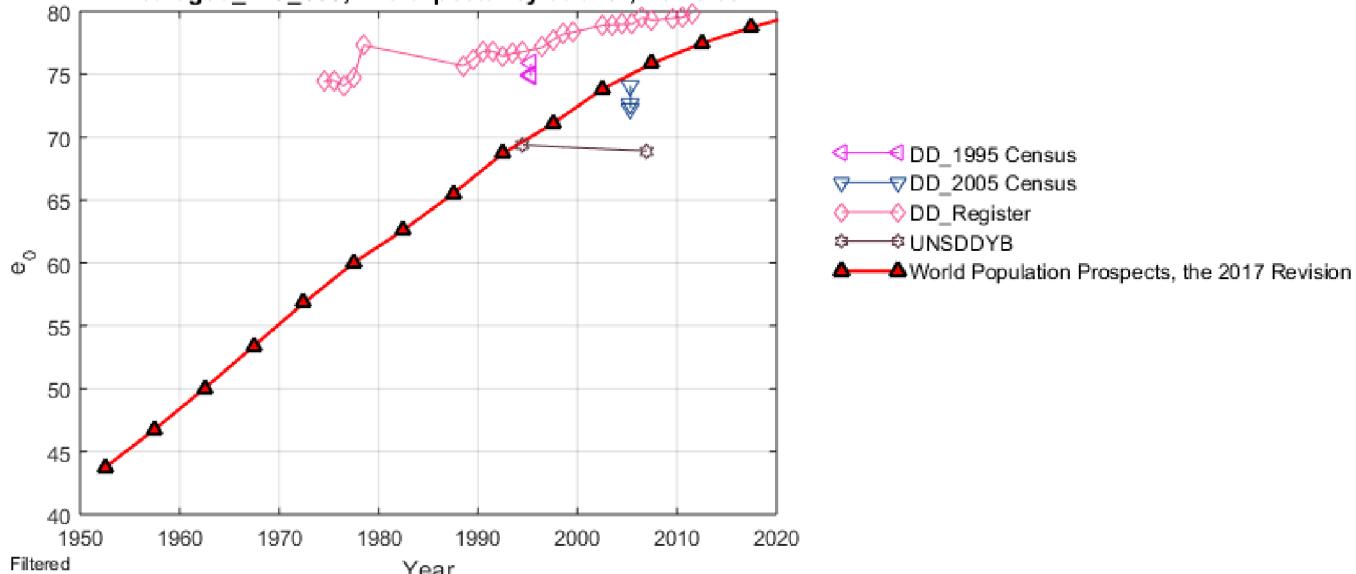




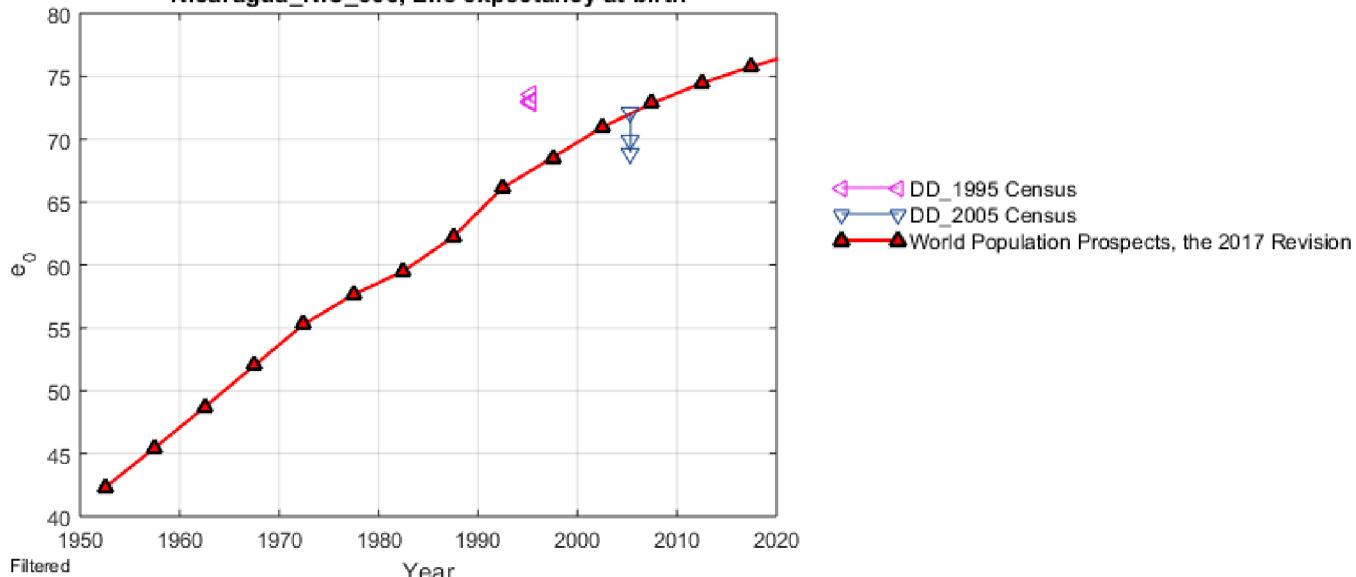
Nicaragua_NIC_558, Life expectancy at birth, Males

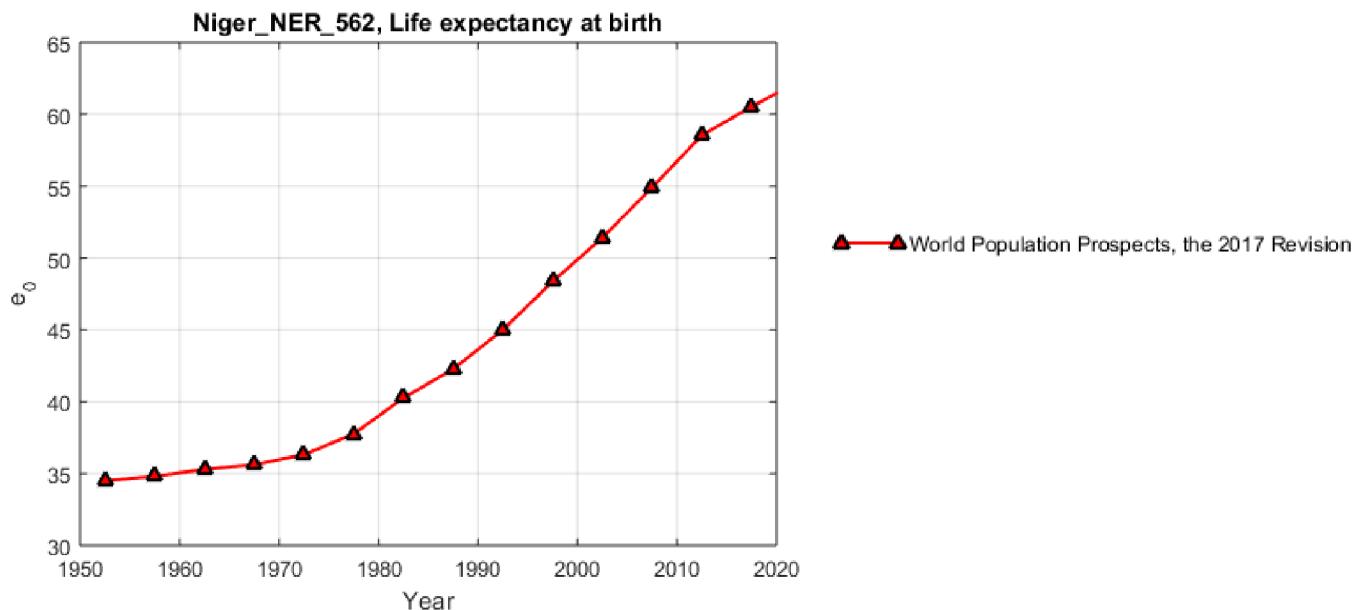
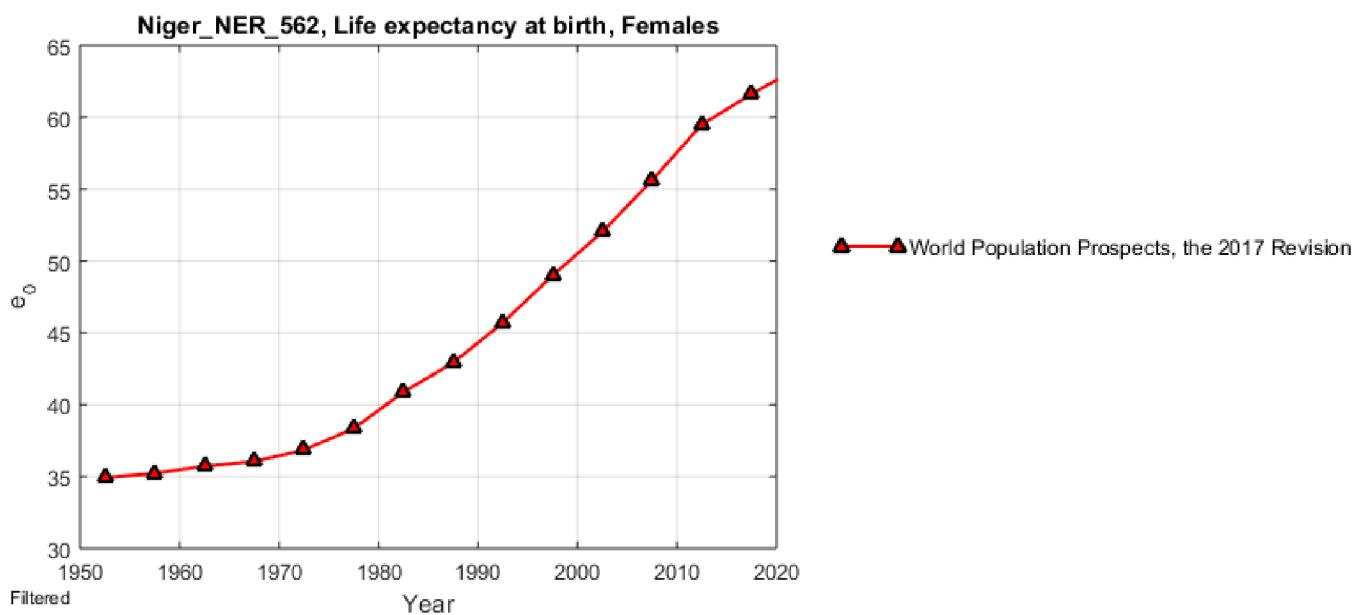
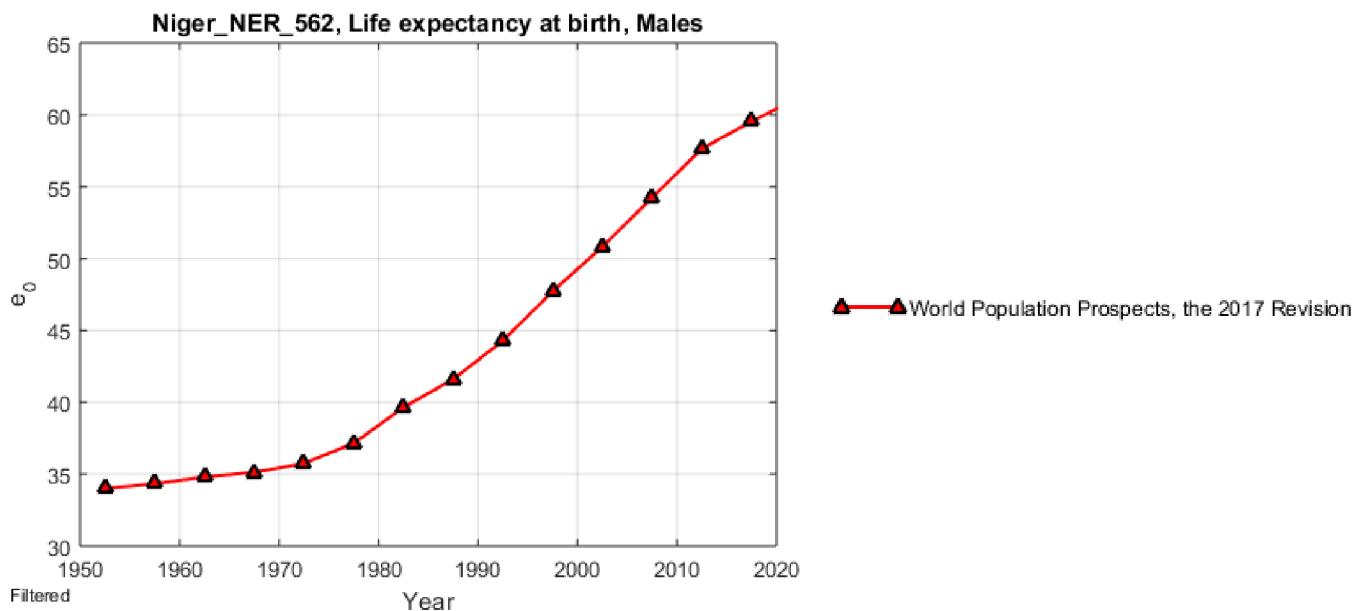


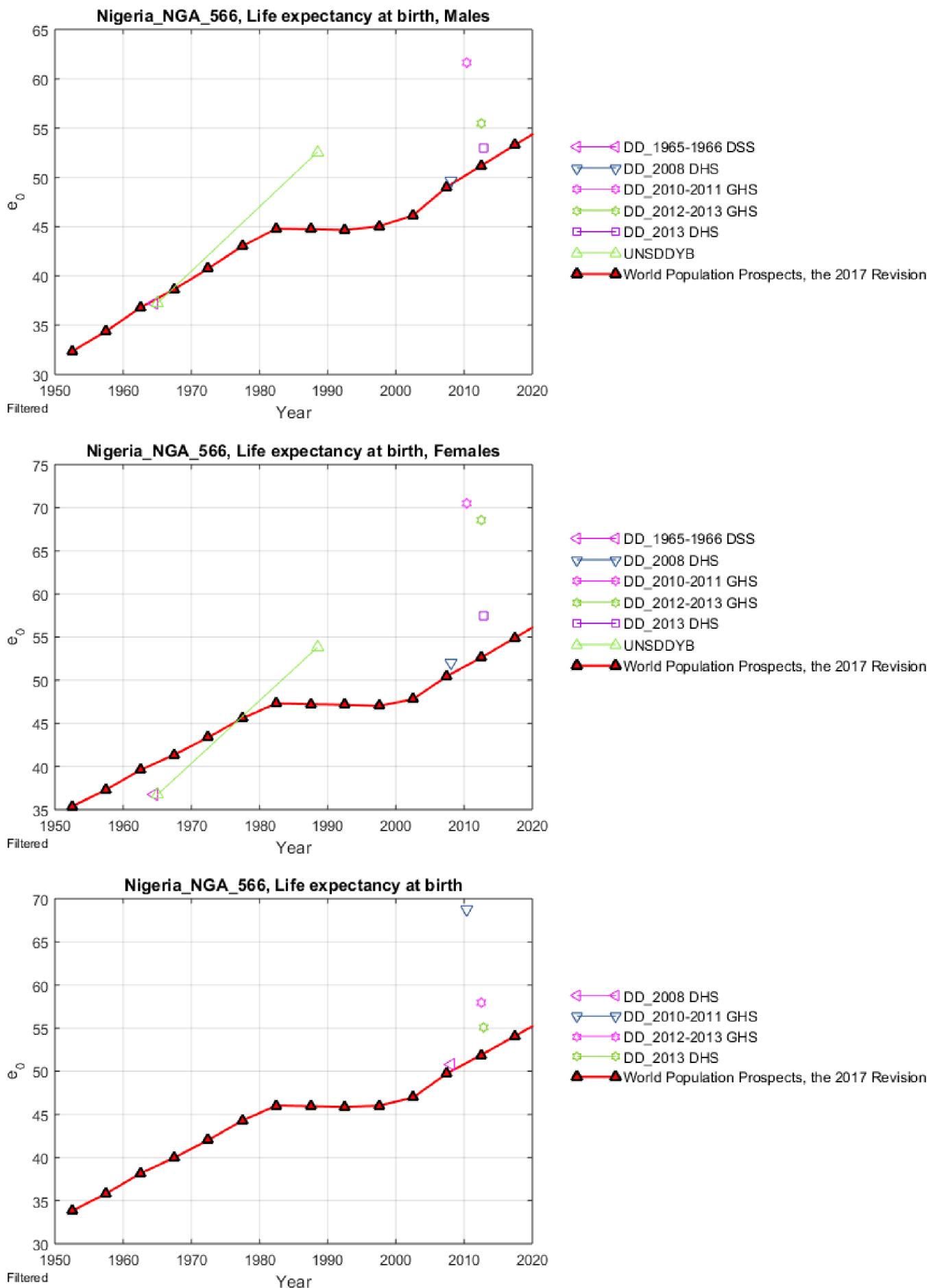
Nicaragua_NIC_558, Life expectancy at birth, Females



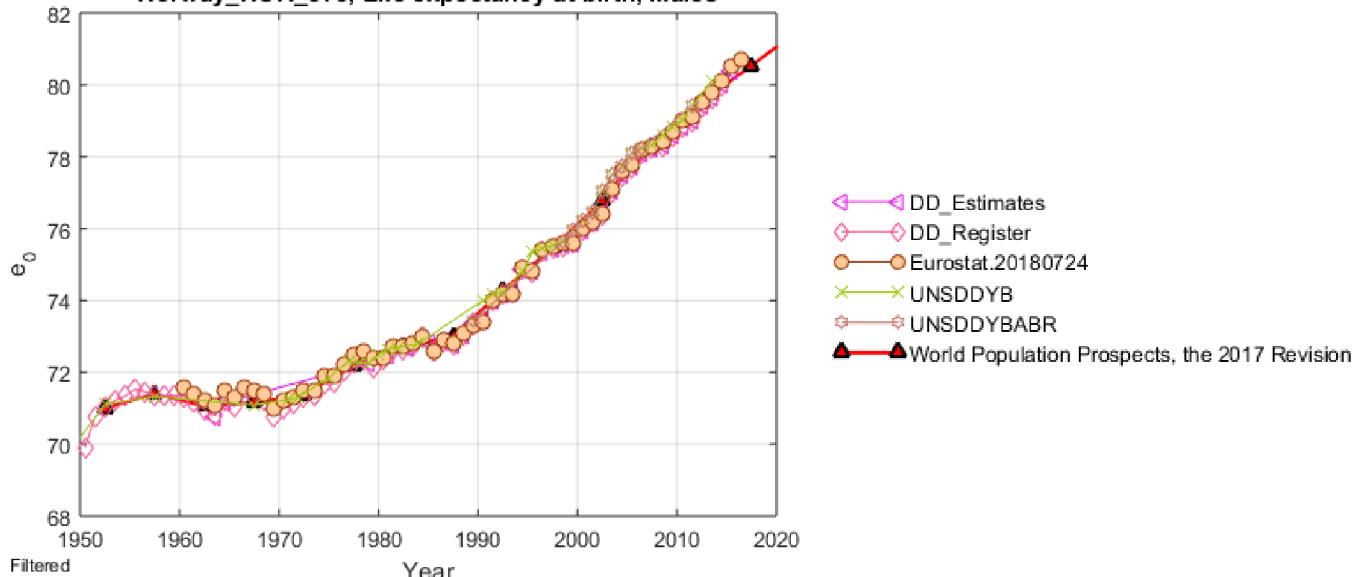
Nicaragua_NIC_558, Life expectancy at birth



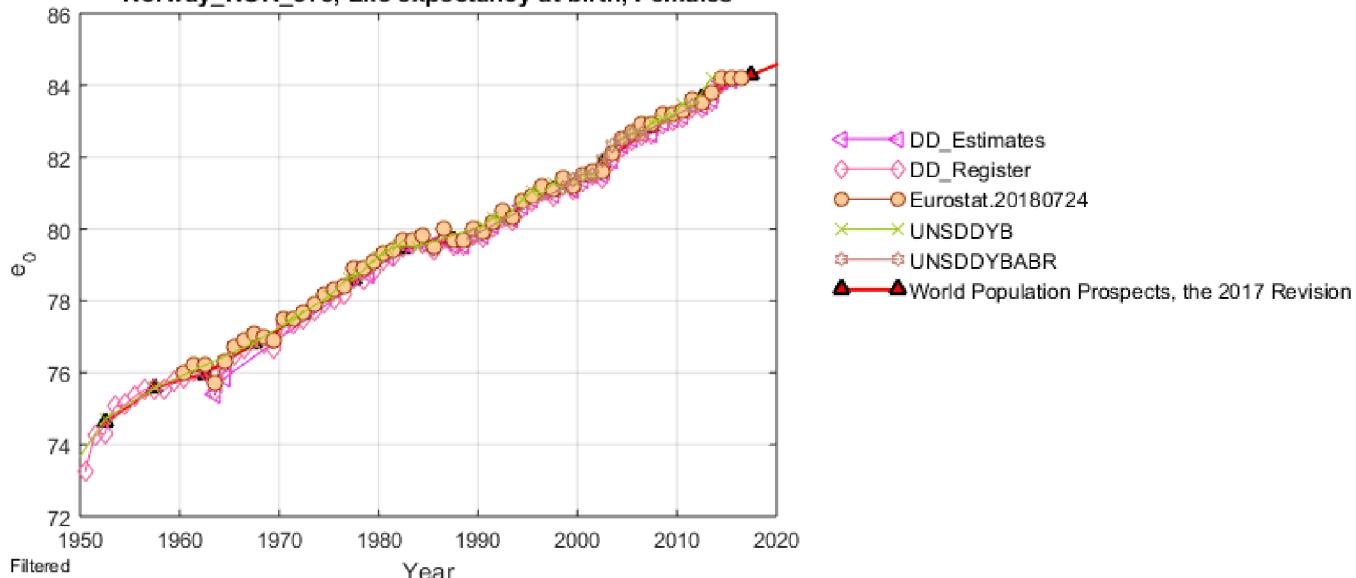




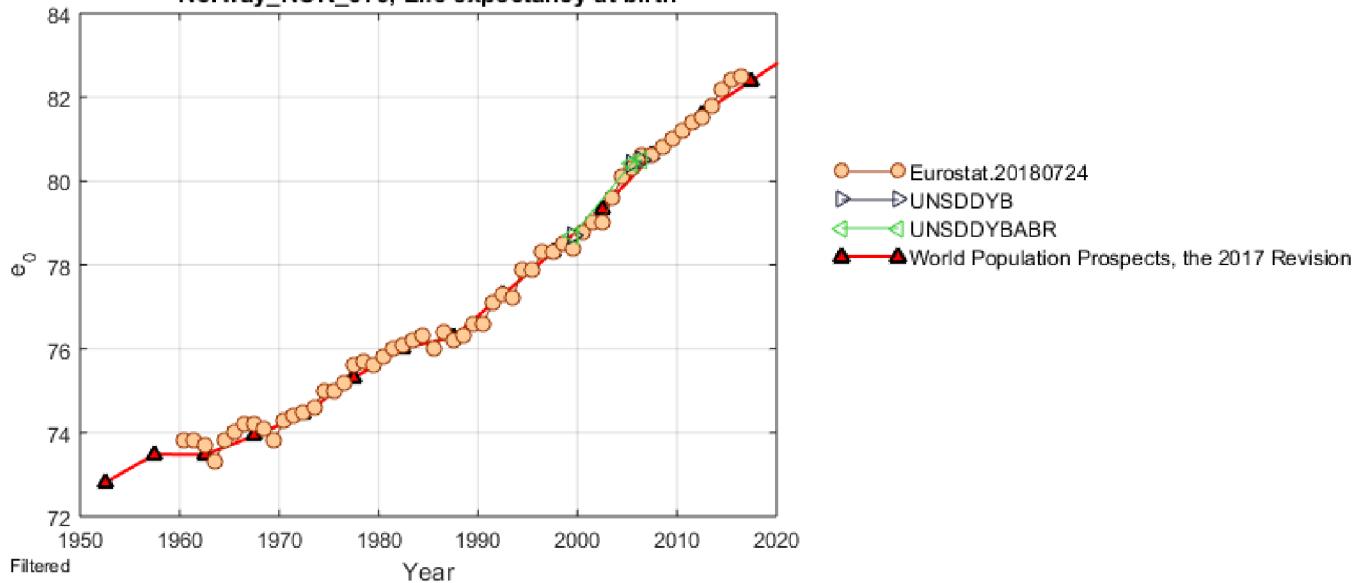
Norway_NOR_578, Life expectancy at birth, Males



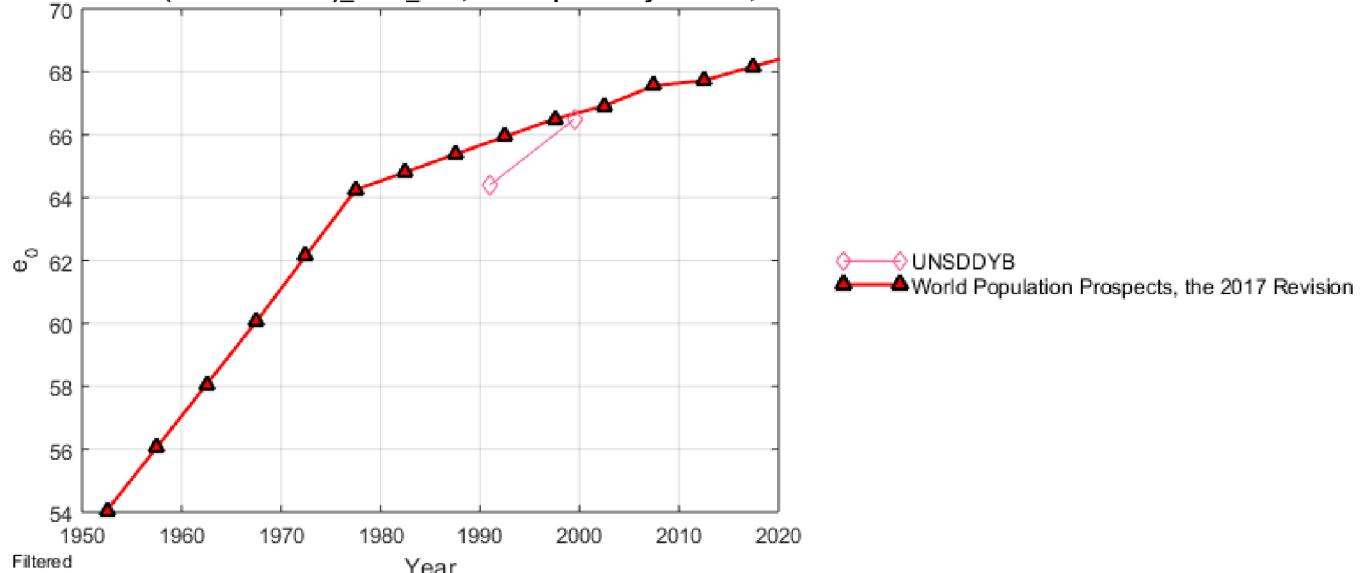
Norway_NOR_578, Life expectancy at birth, Females



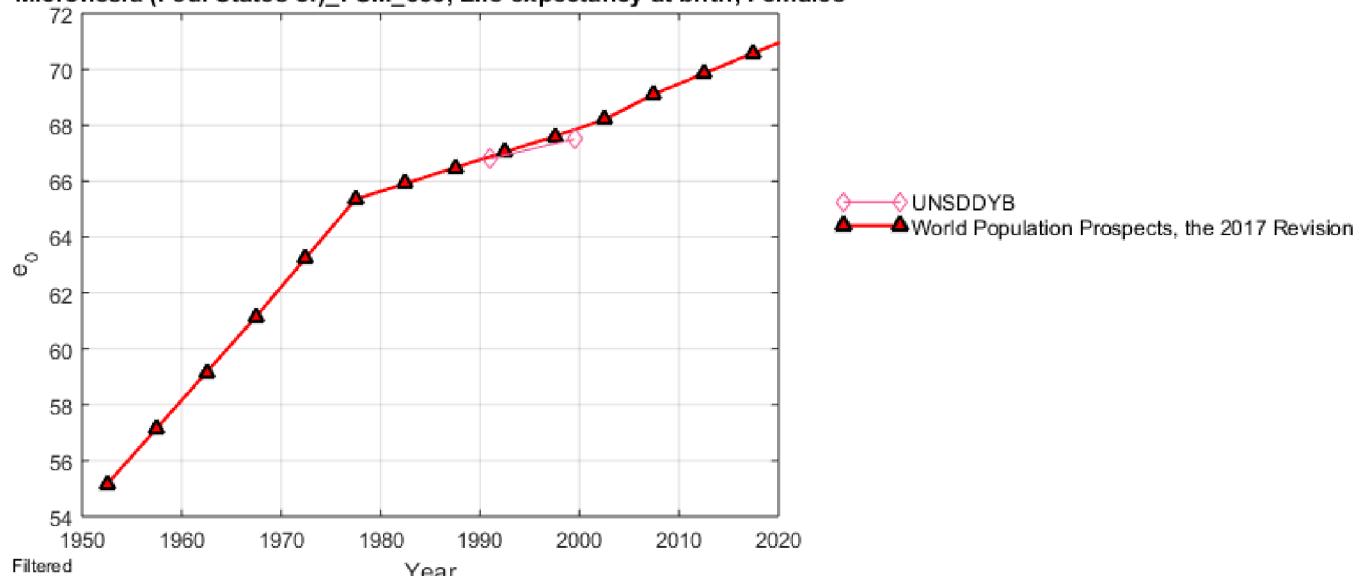
Norway_NOR_578, Life expectancy at birth



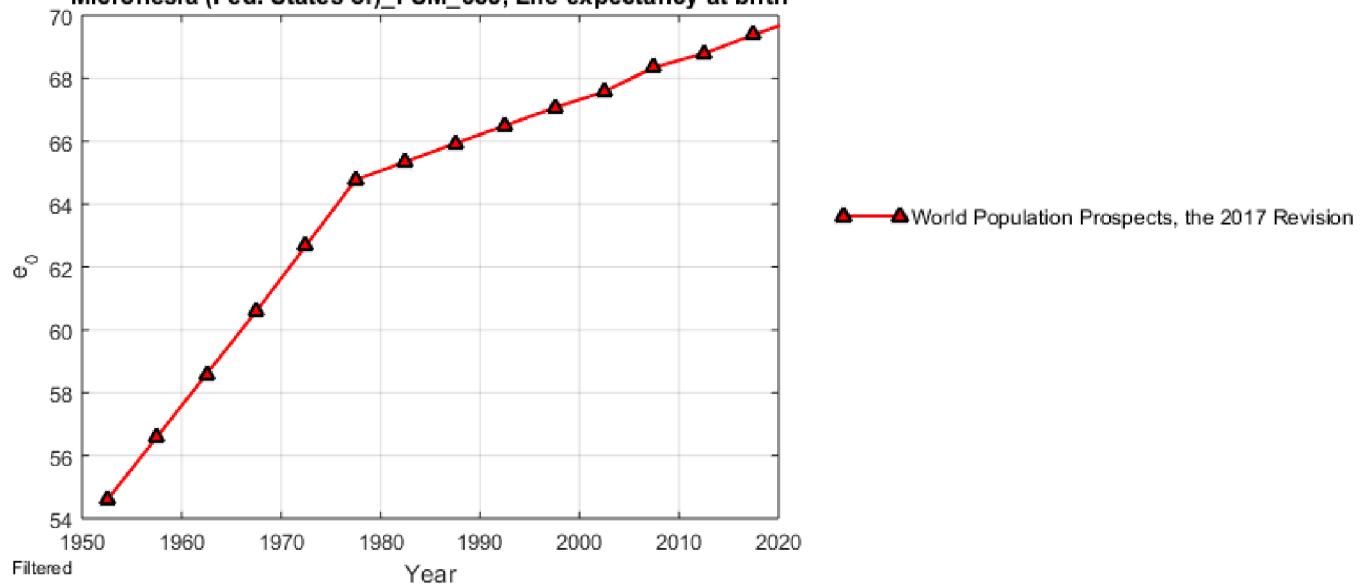
Micronesia (Fed. States of)_FSM_583, Life expectancy at birth, Males

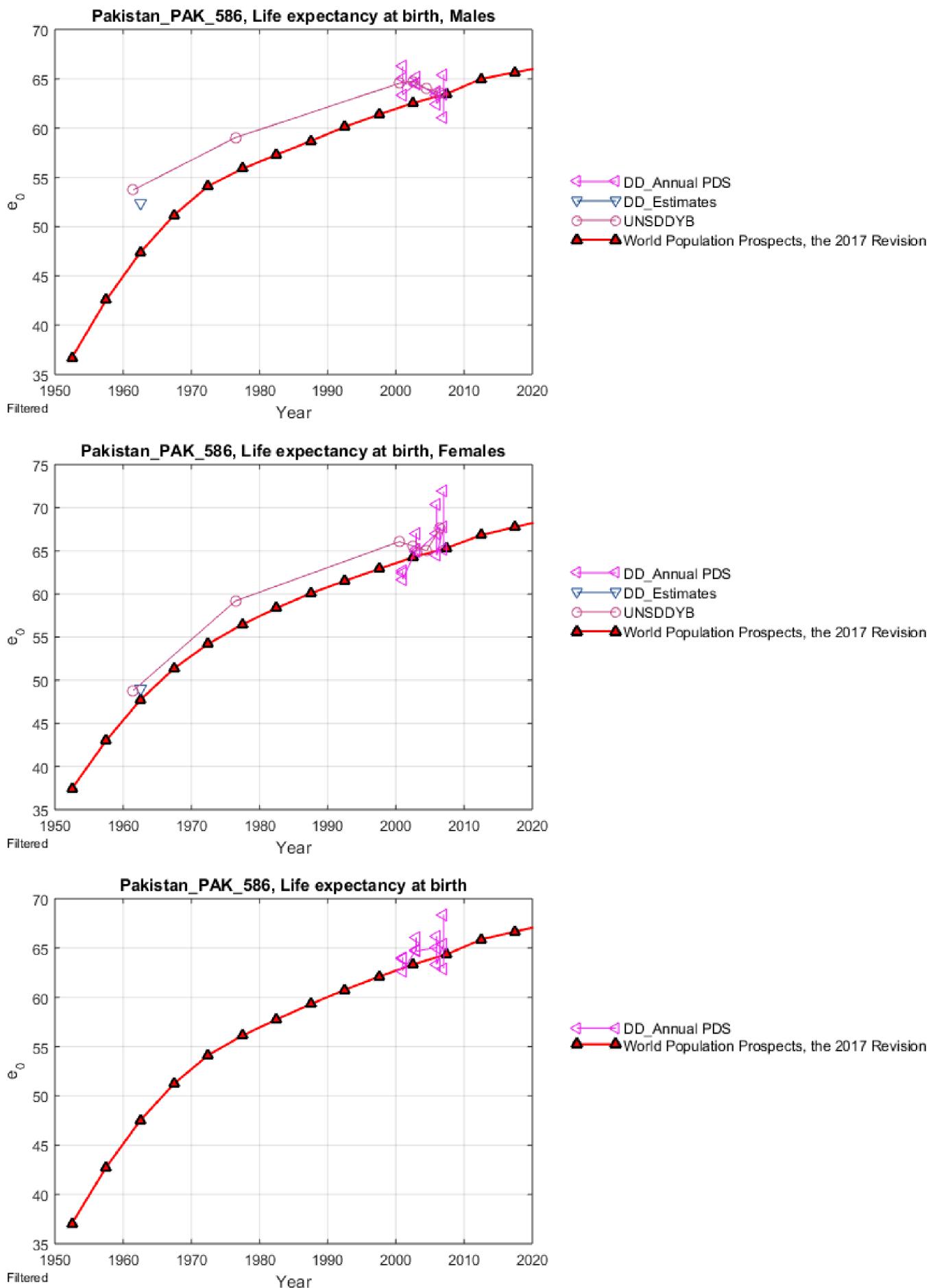


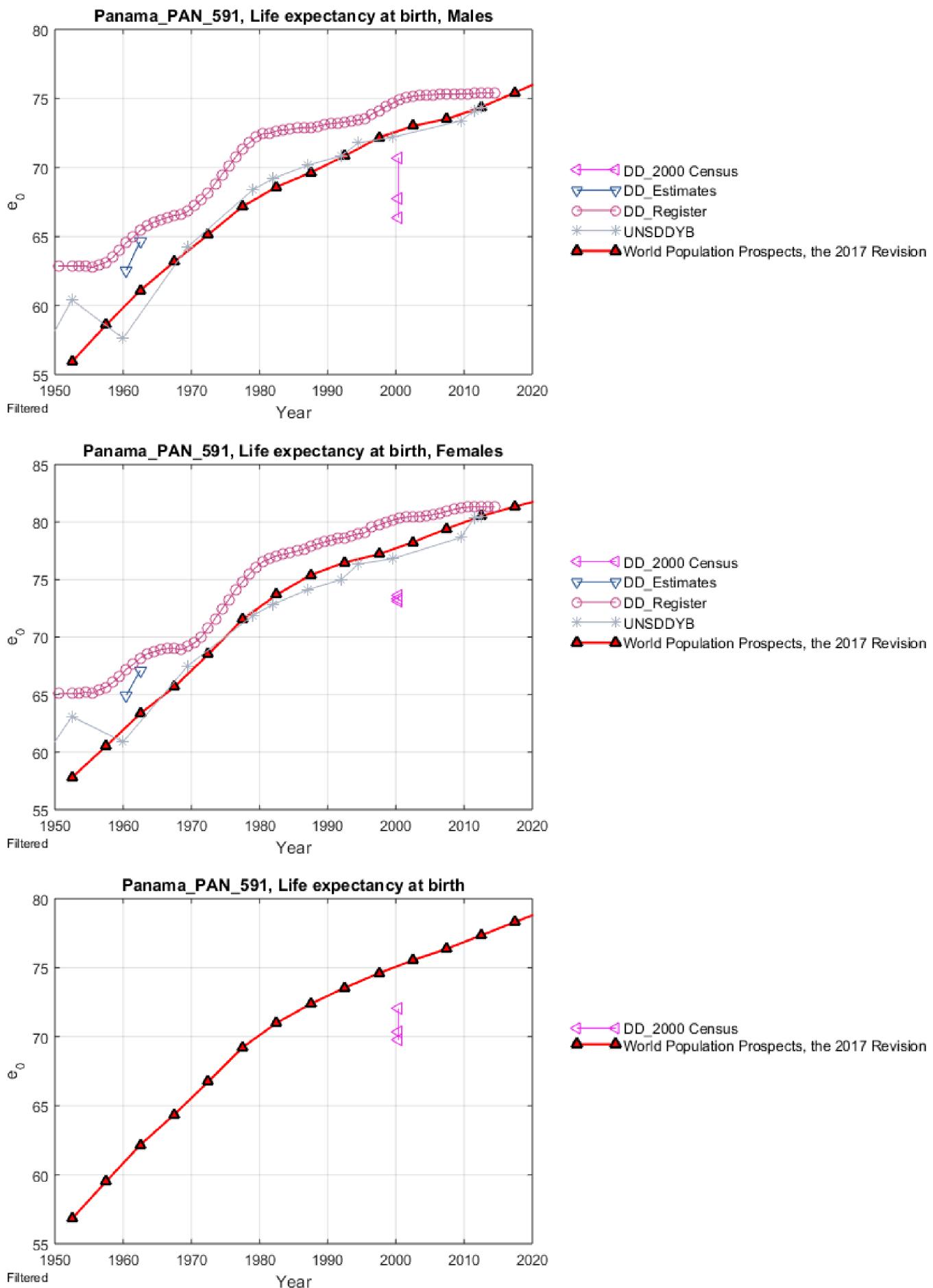
Micronesia (Fed. States of)_FSM_583, Life expectancy at birth, Females

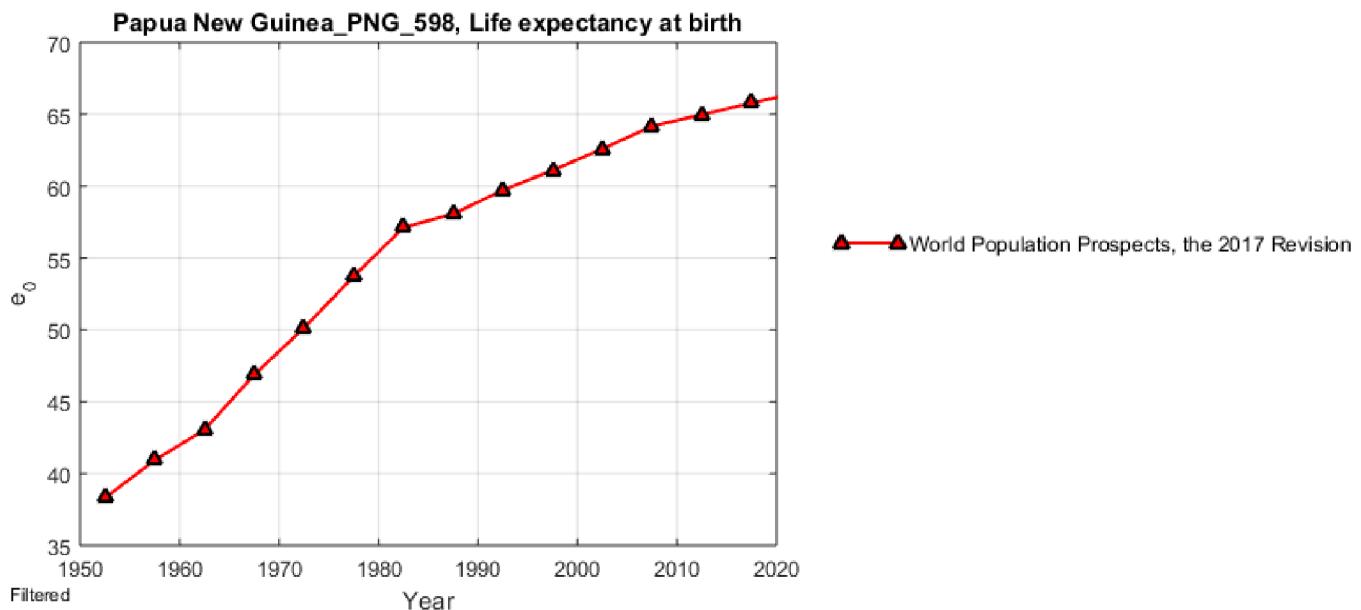
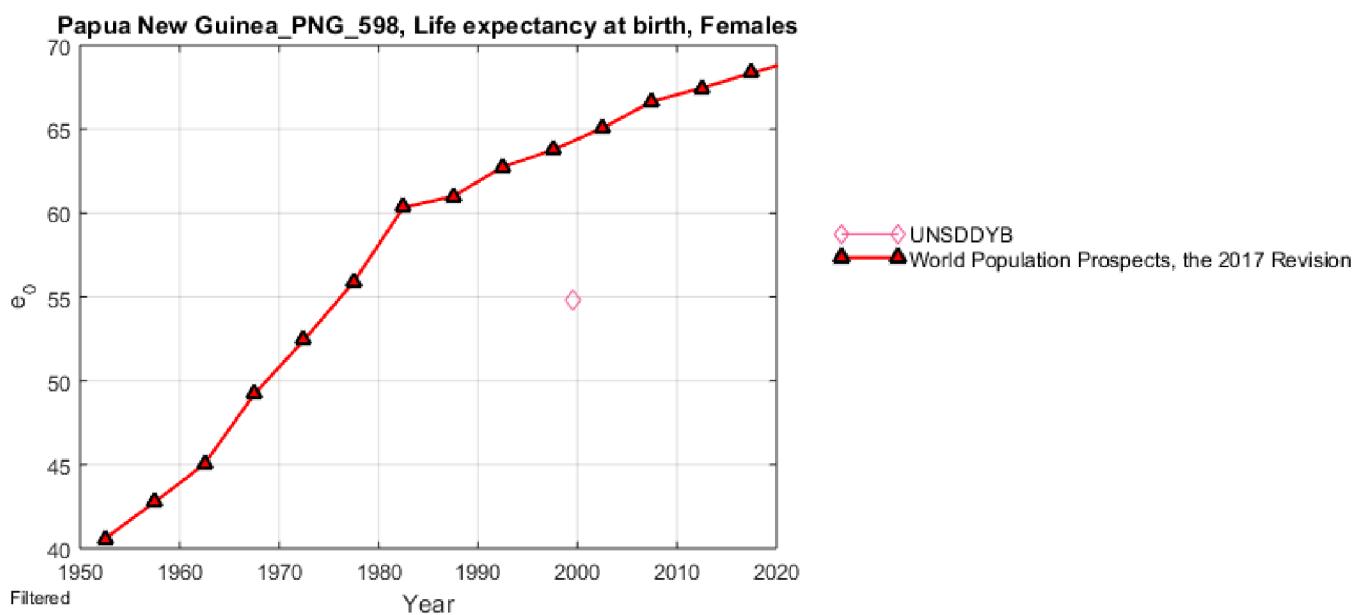
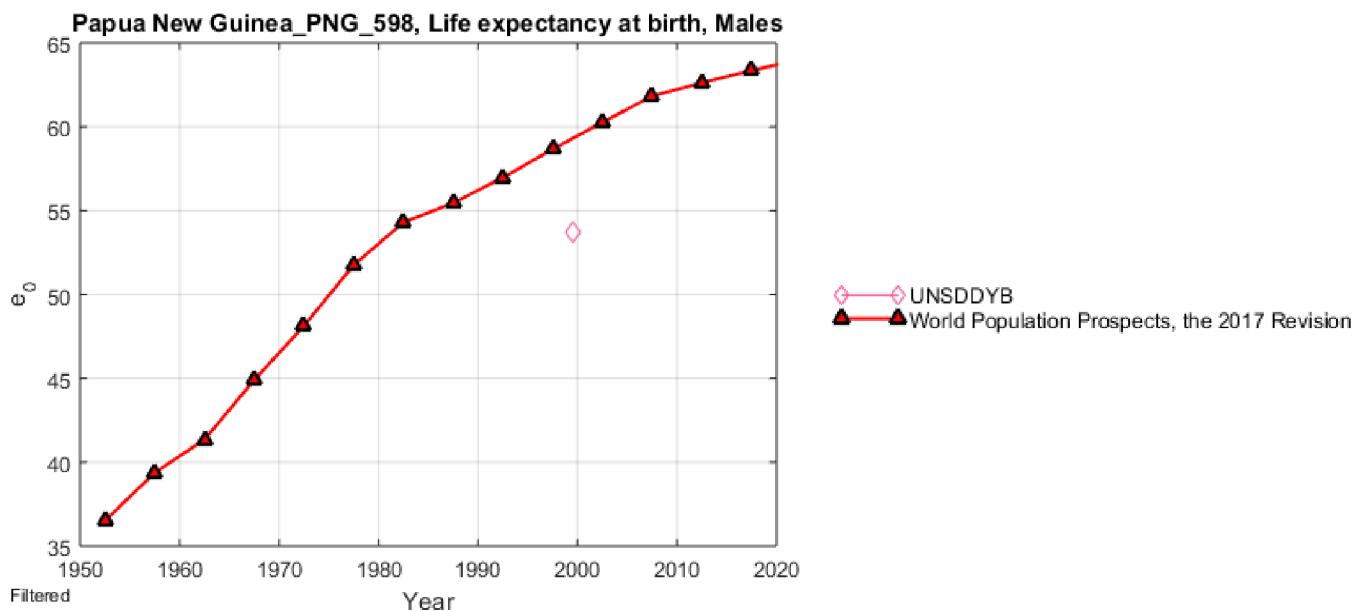


Micronesia (Fed. States of)_FSM_583, Life expectancy at birth

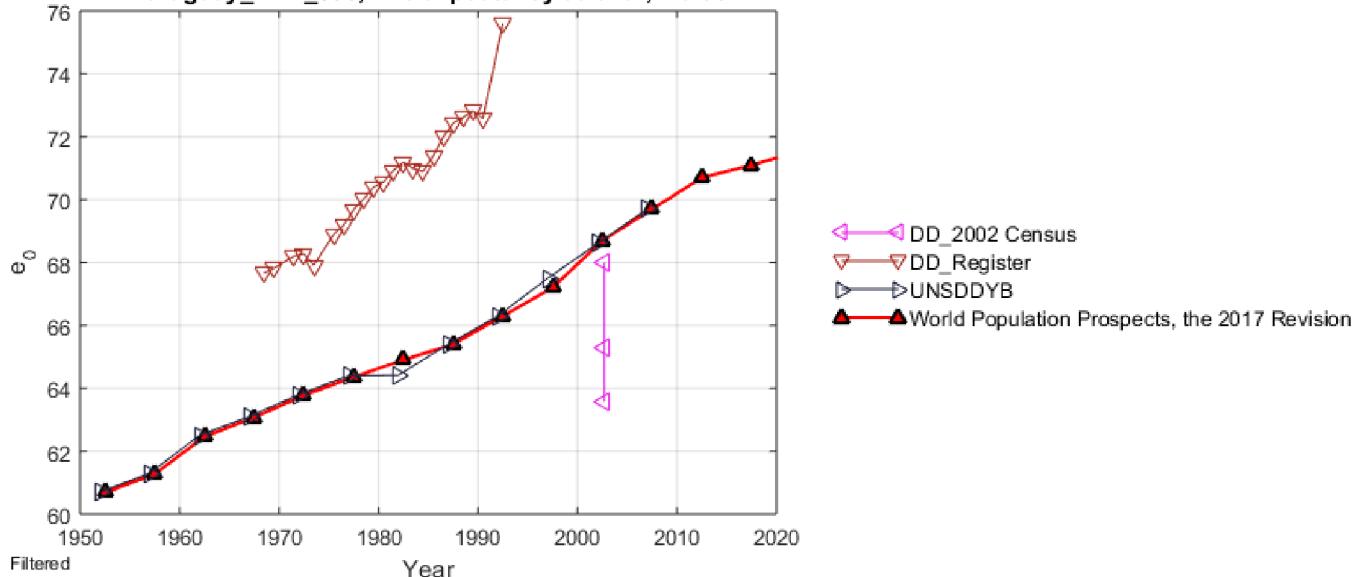




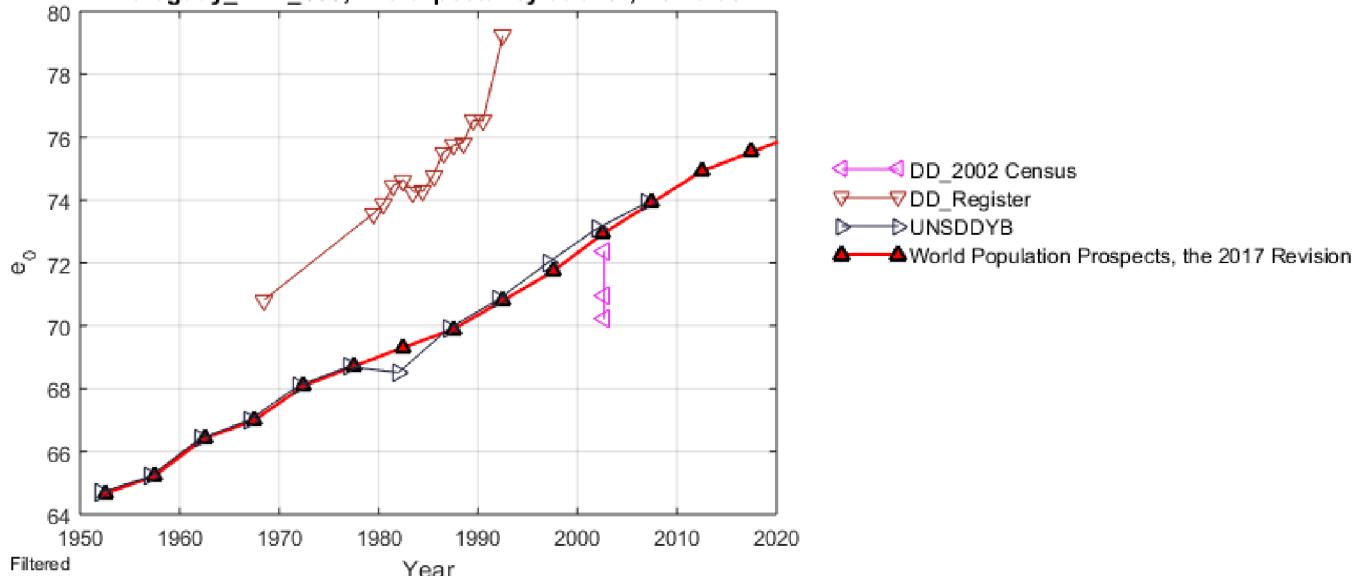




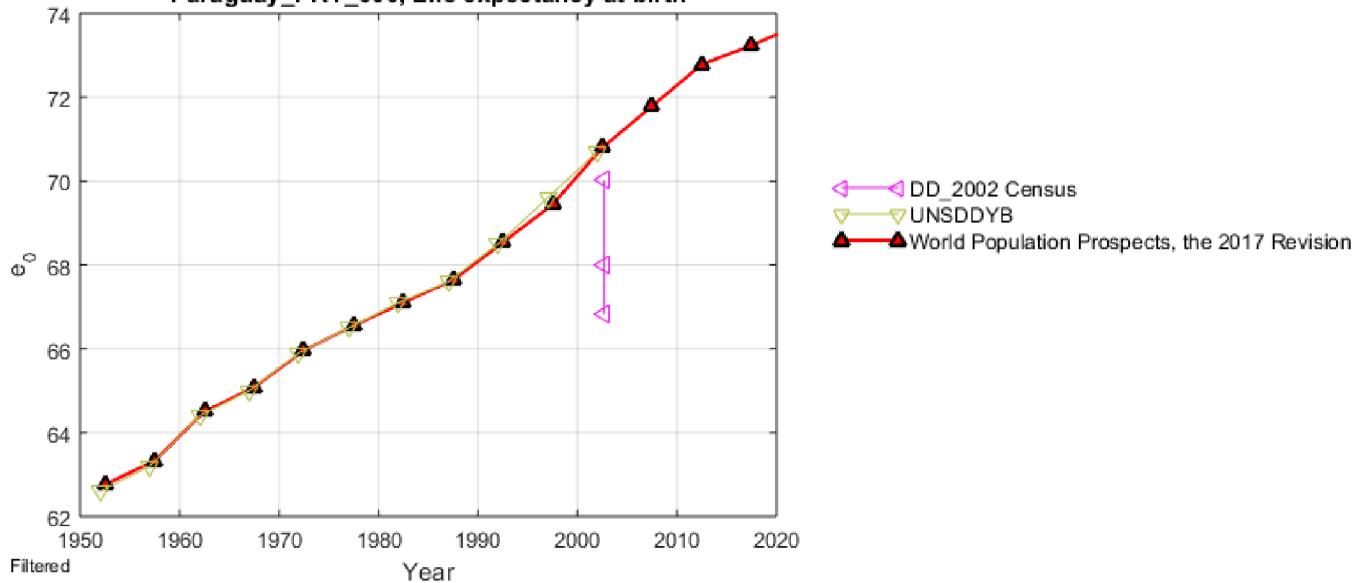
Paraguay_PRY_600, Life expectancy at birth, Males



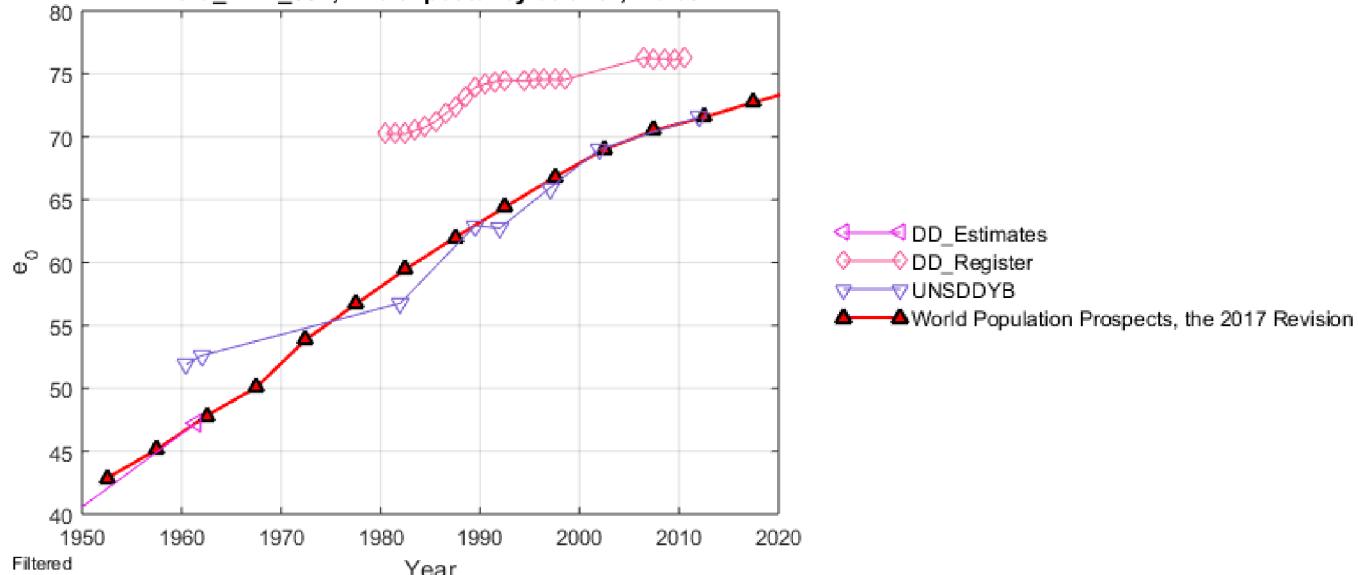
Paraguay_PRY_600, Life expectancy at birth, Females



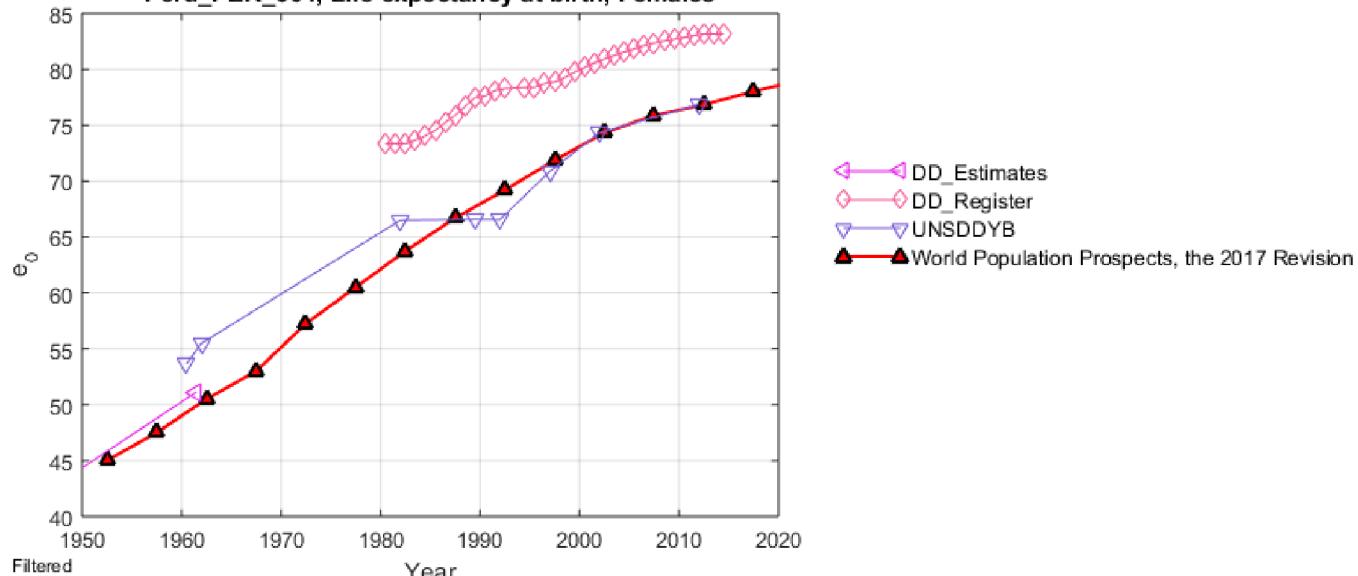
Paraguay_PRY_600, Life expectancy at birth



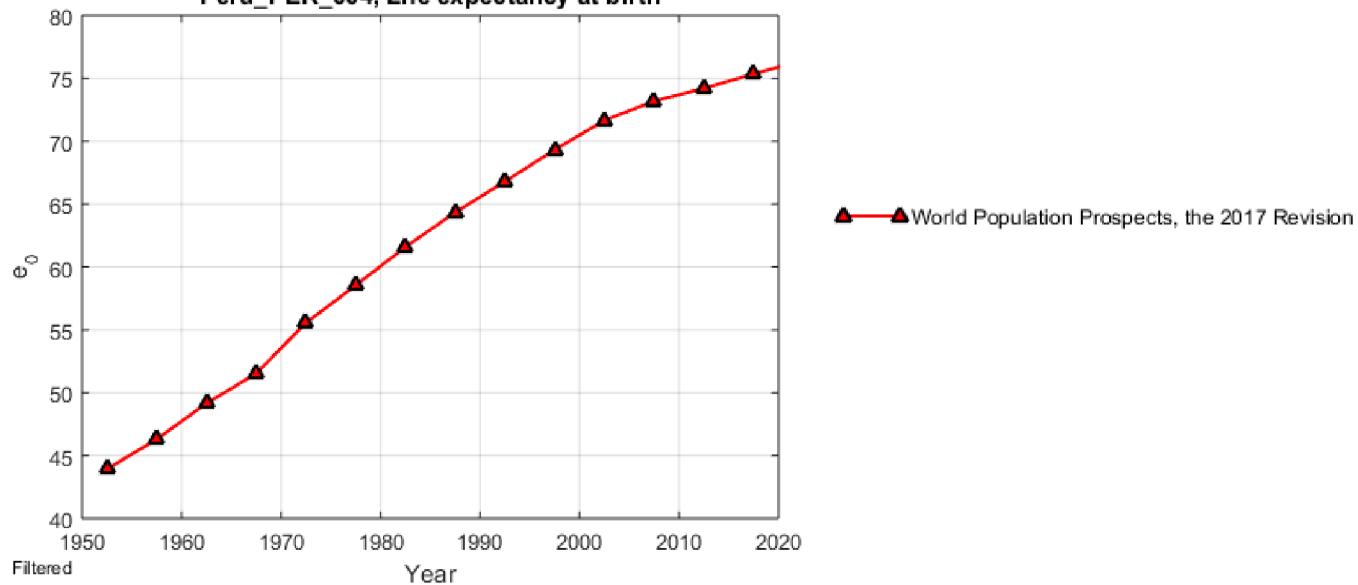
Peru_PER_604, Life expectancy at birth, Males

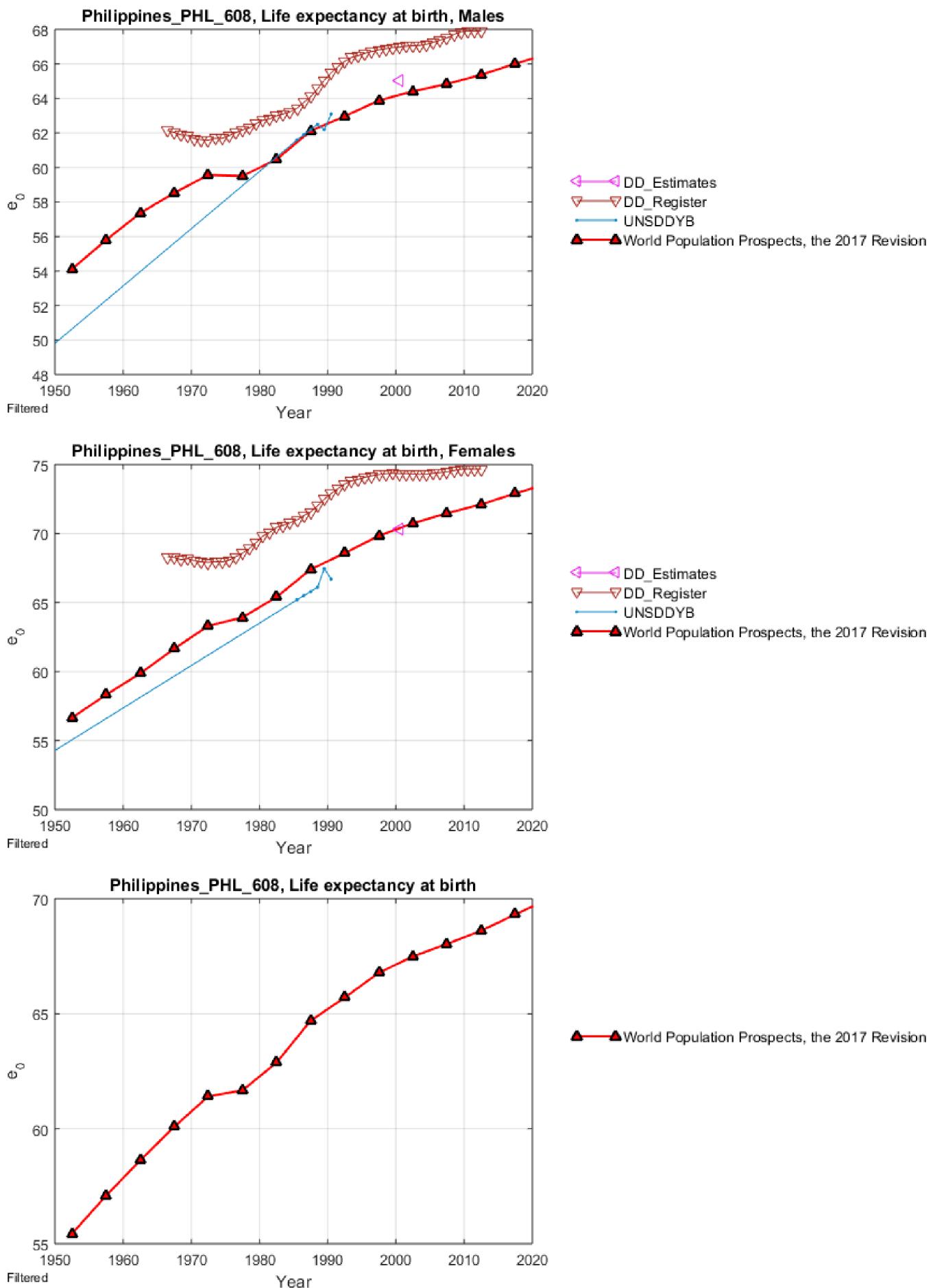


Peru_PER_604, Life expectancy at birth, Females

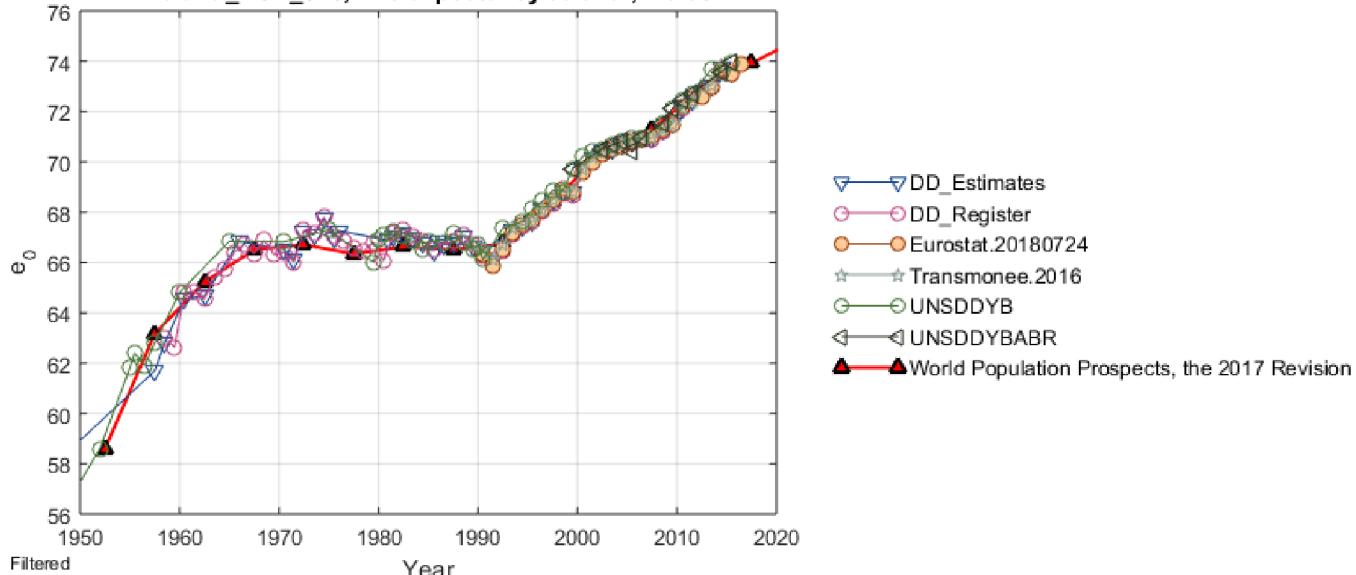


Peru_PER_604, Life expectancy at birth

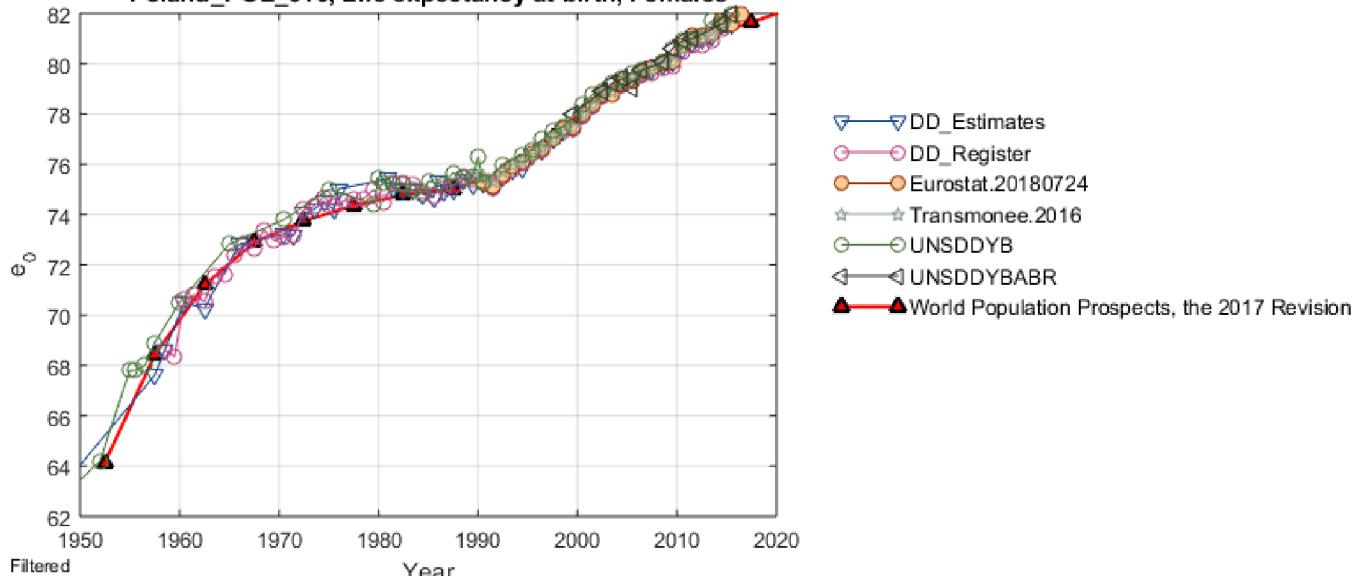




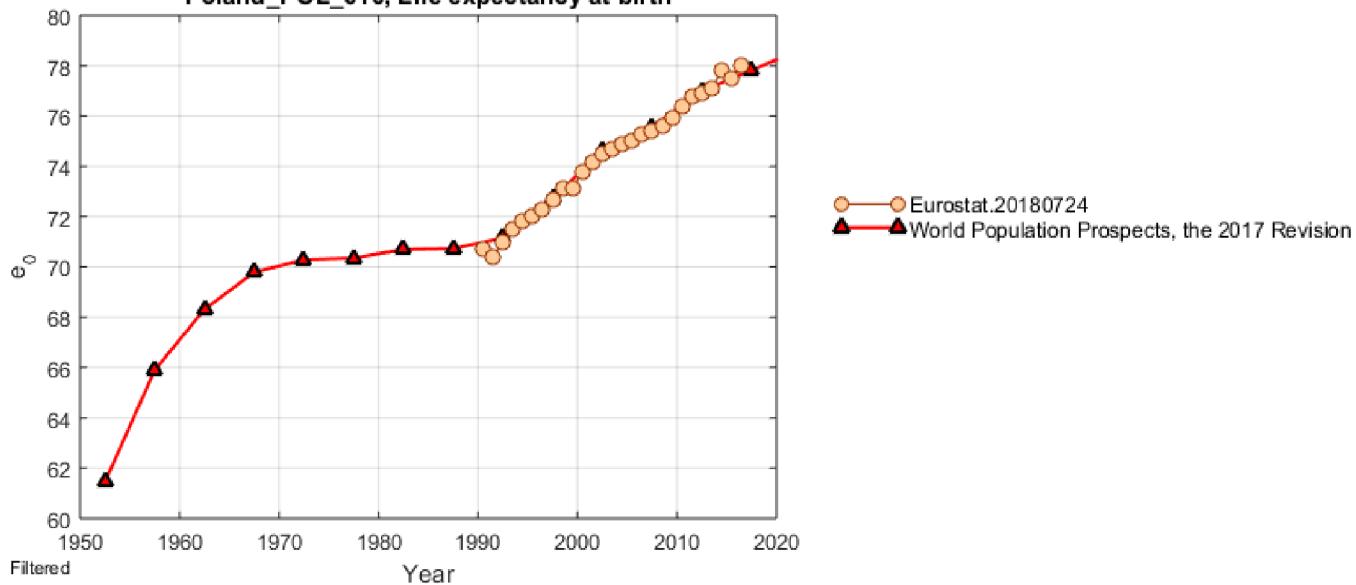
Poland_POL_616, Life expectancy at birth, Males

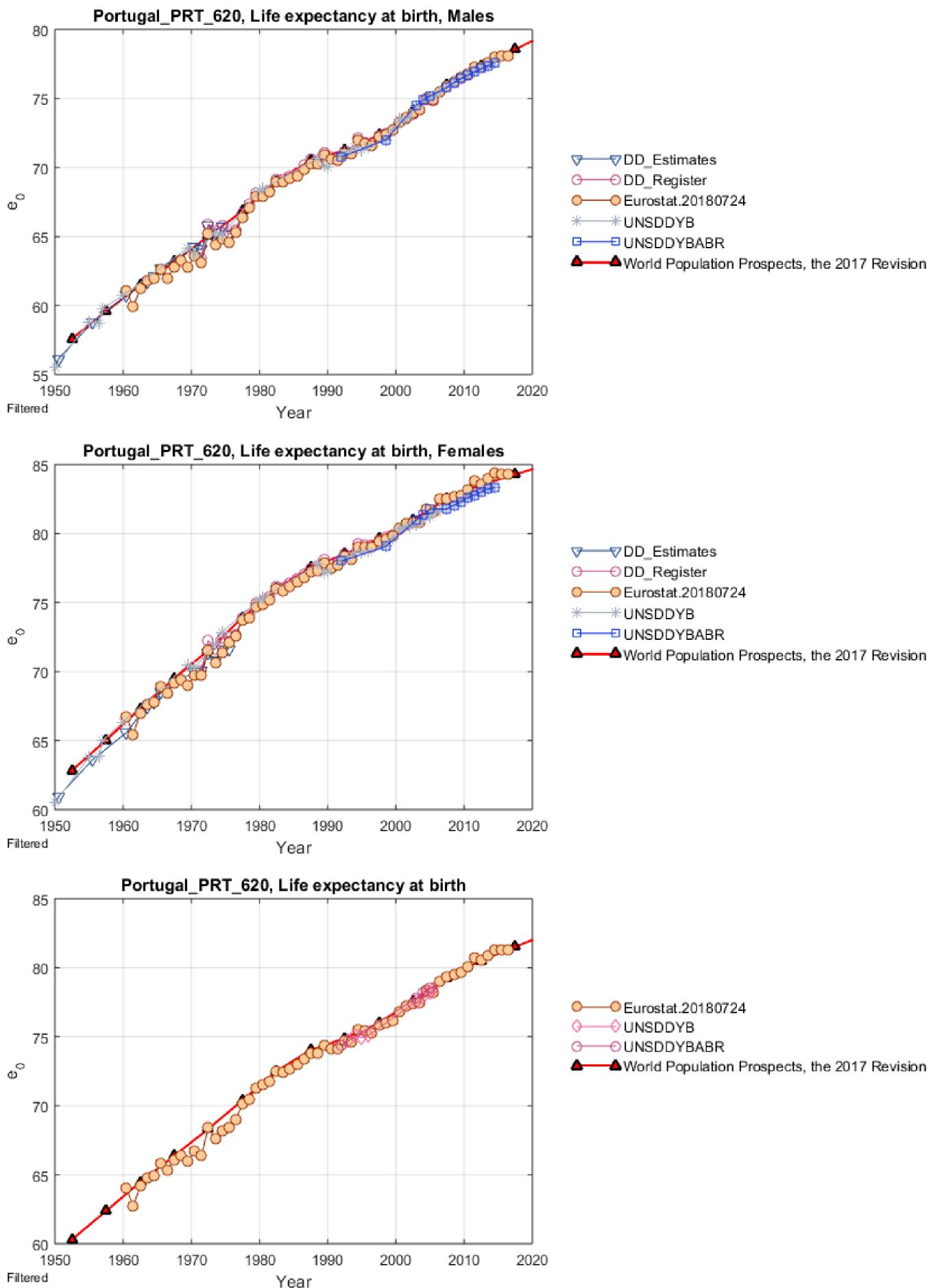


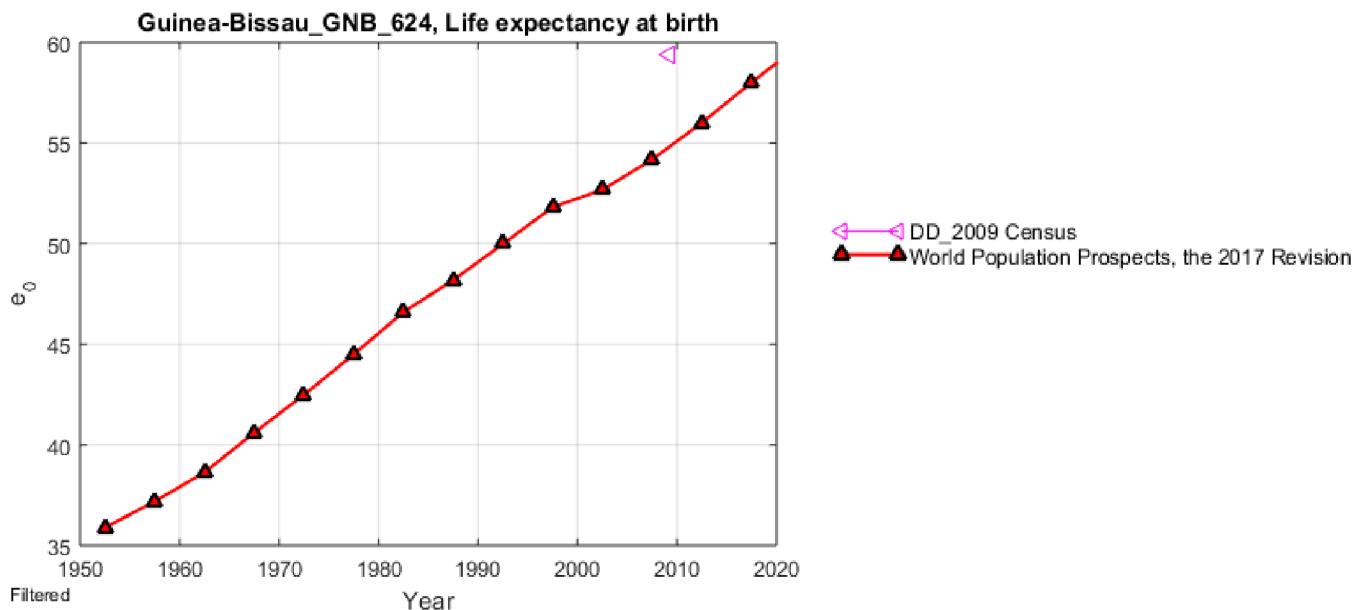
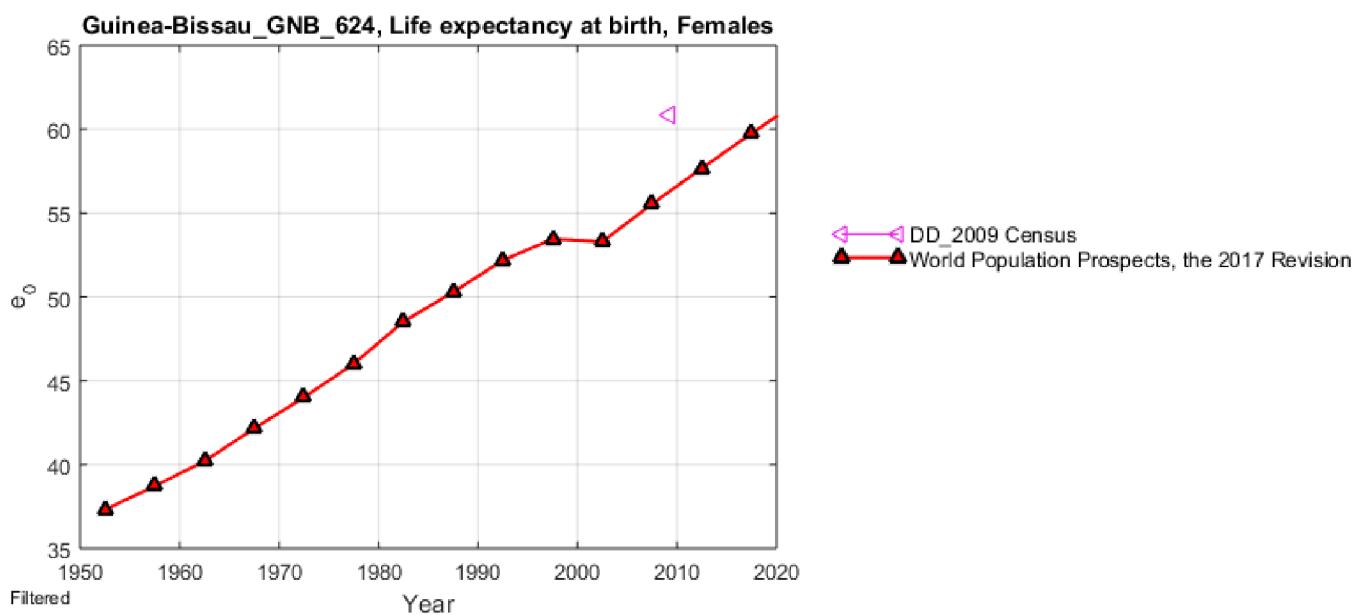
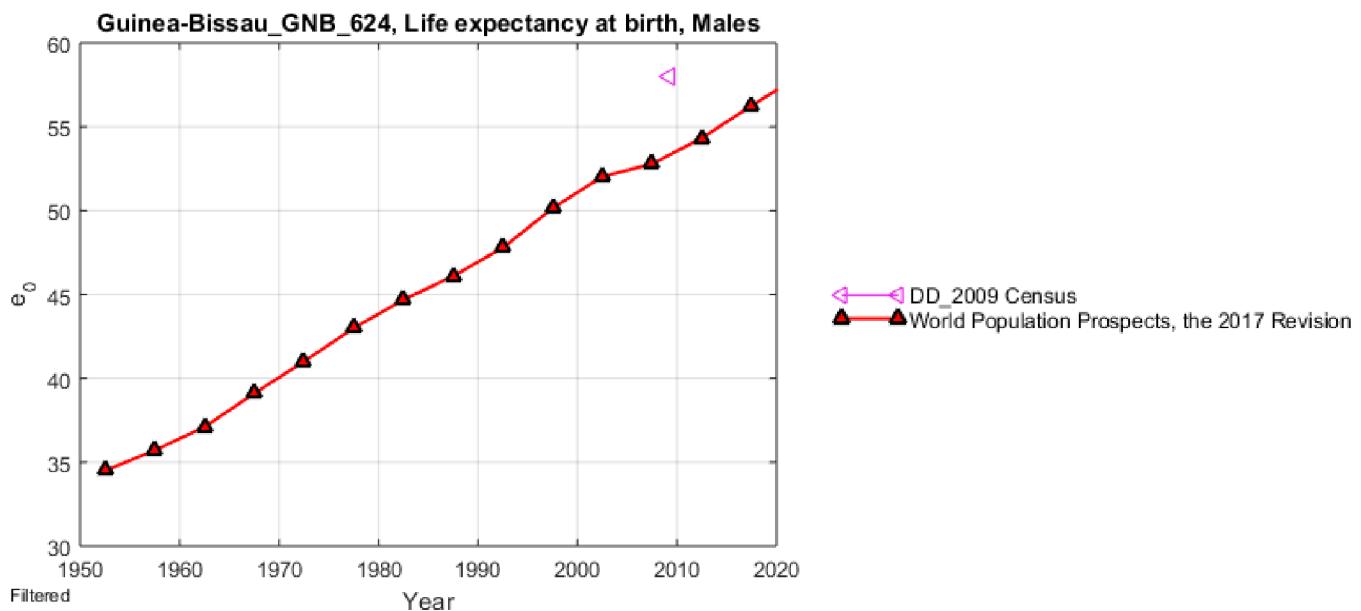
Poland_POL_616, Life expectancy at birth, Females

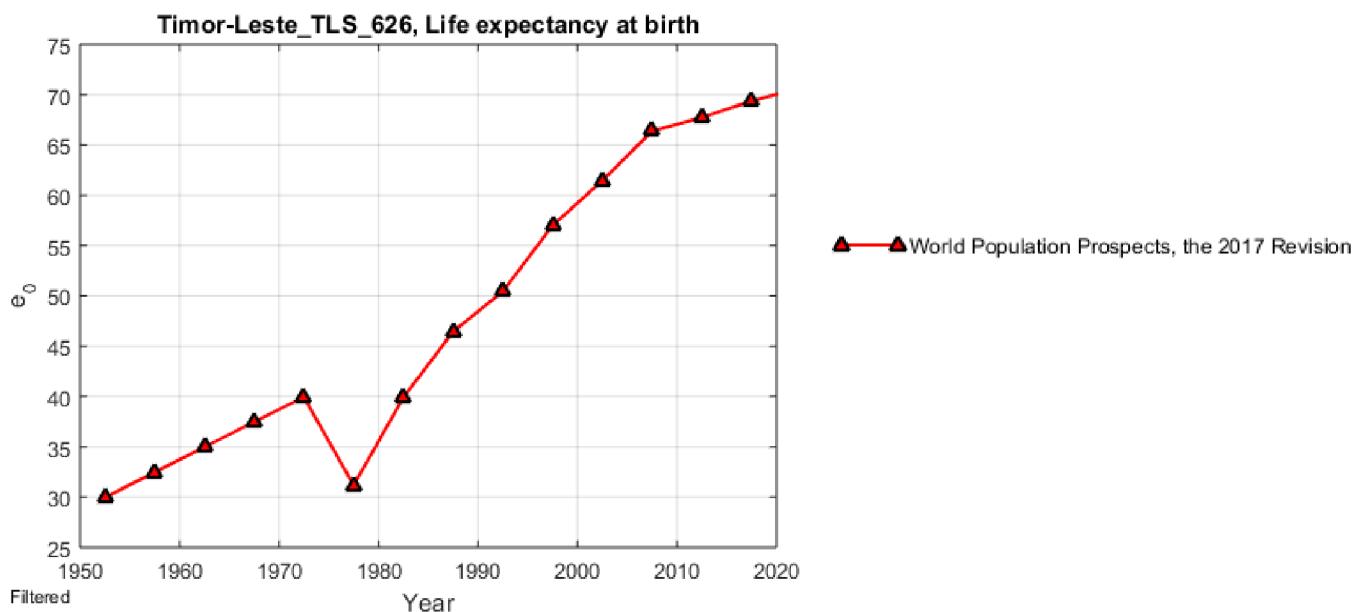
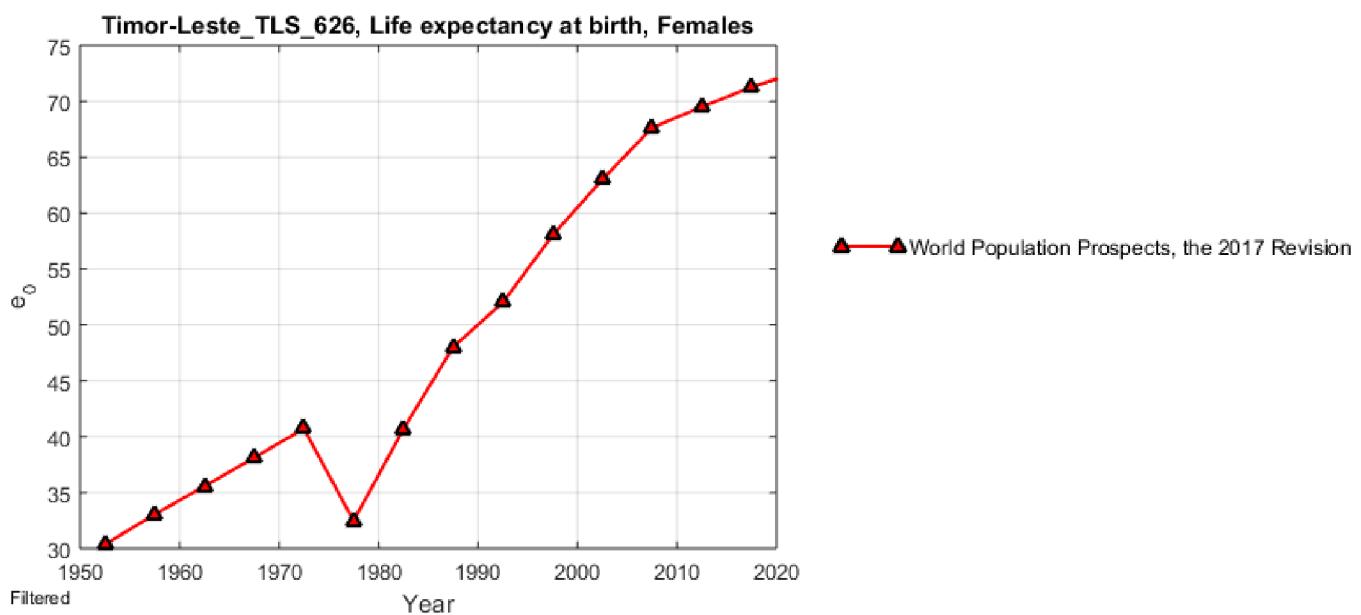
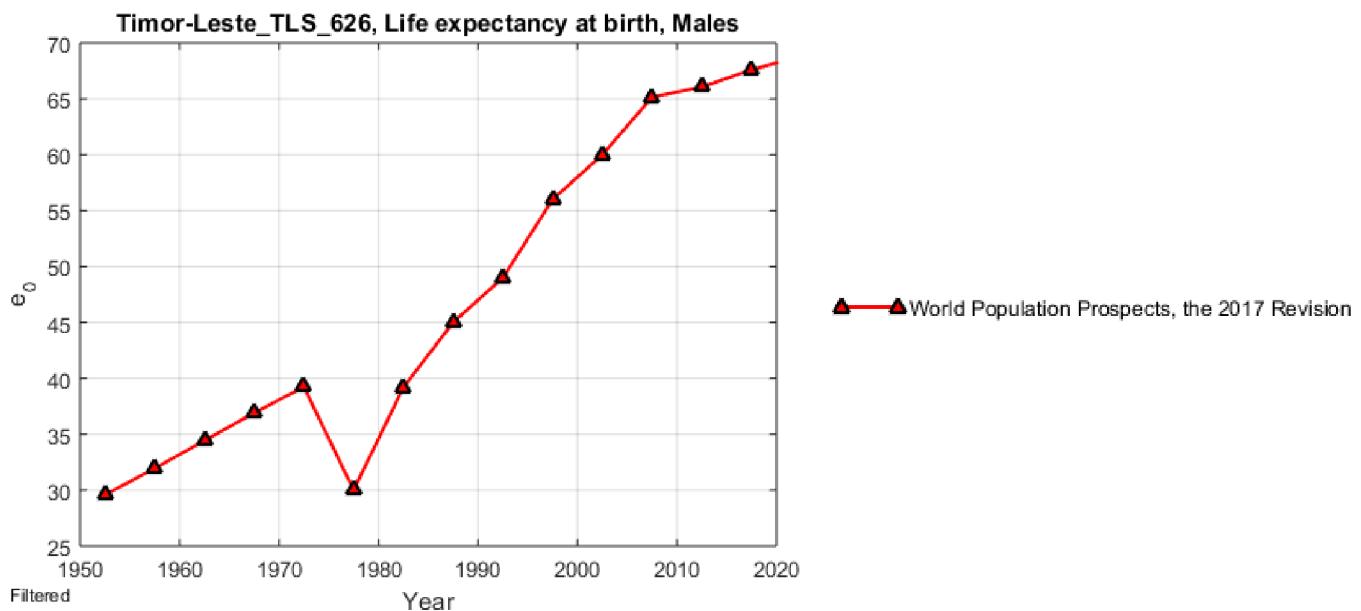


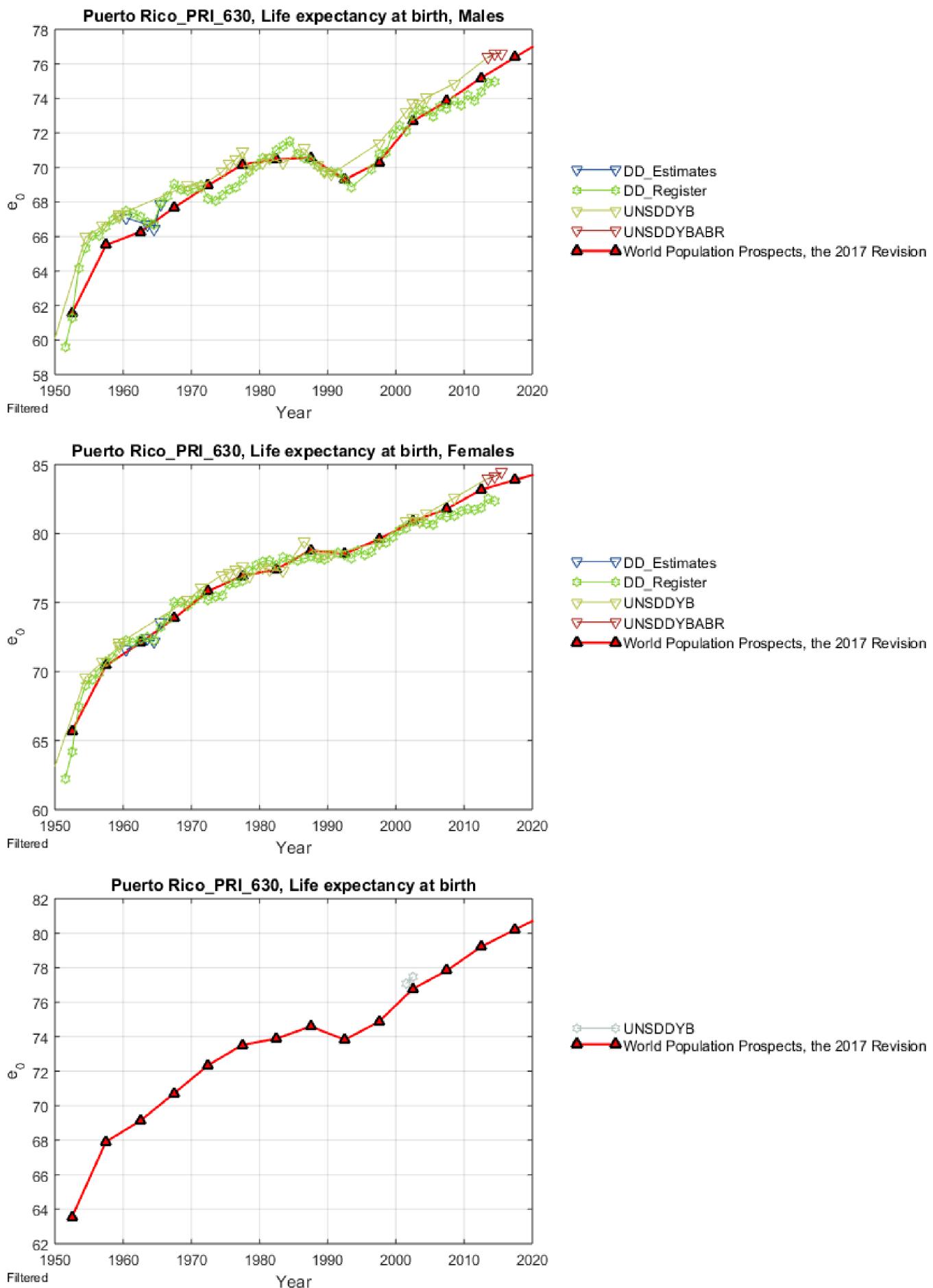
Poland_POL_616, Life expectancy at birth

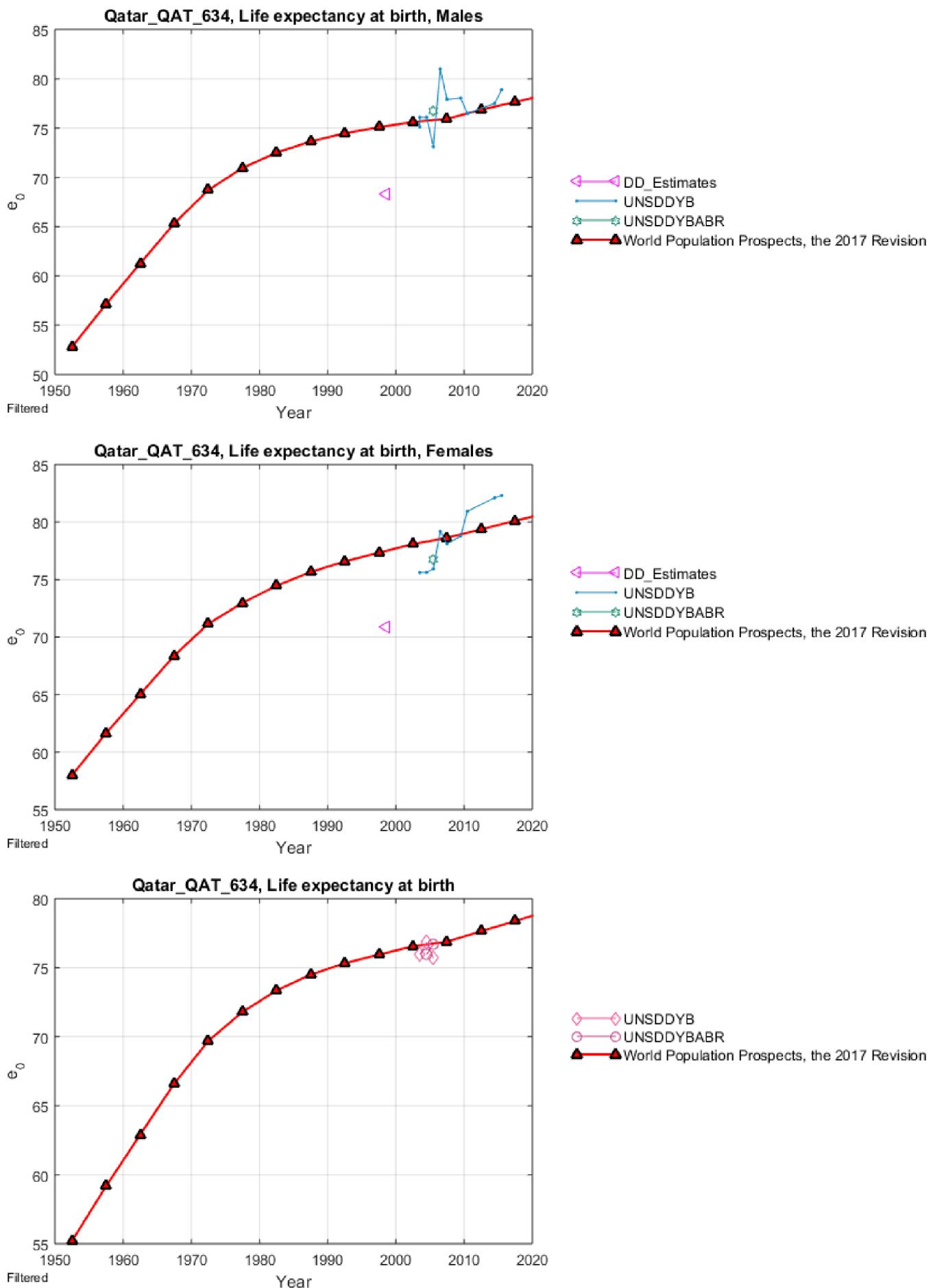


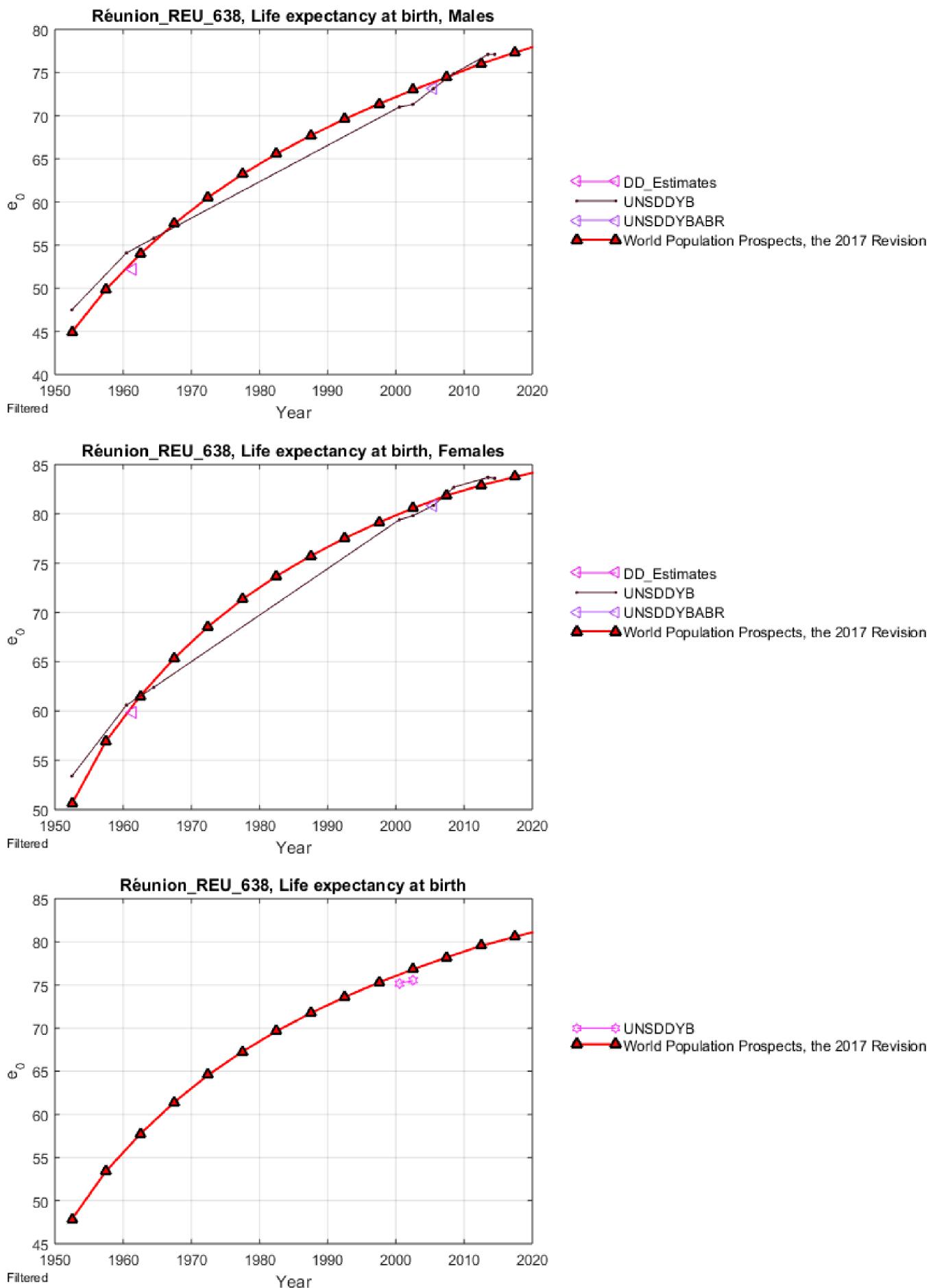




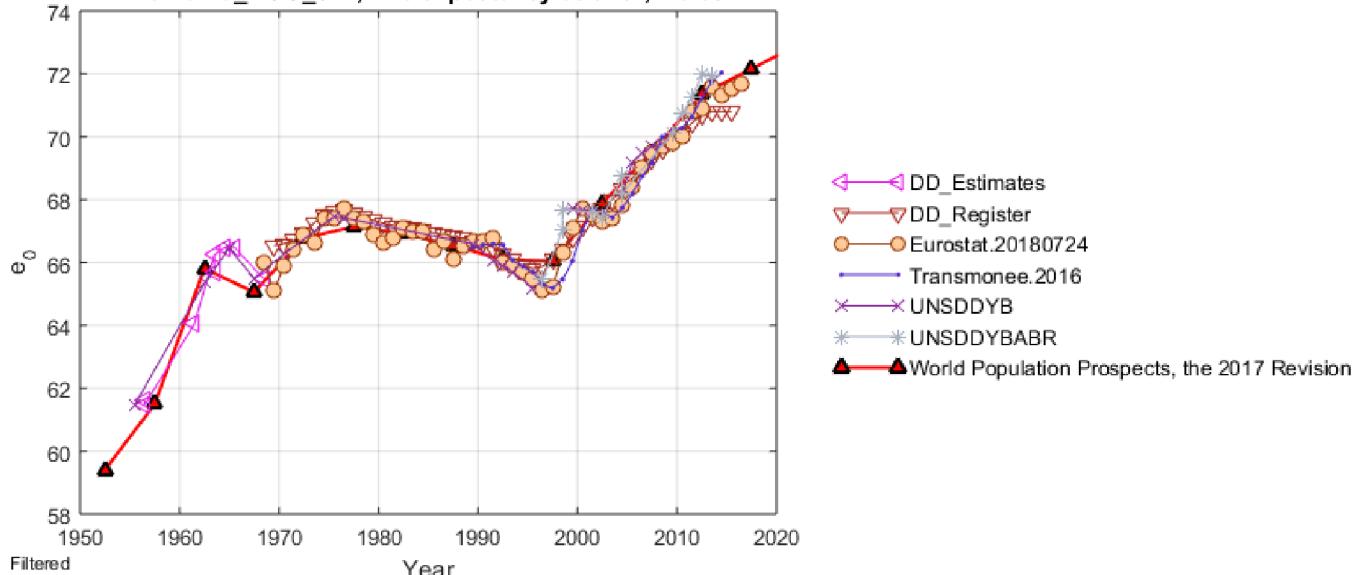




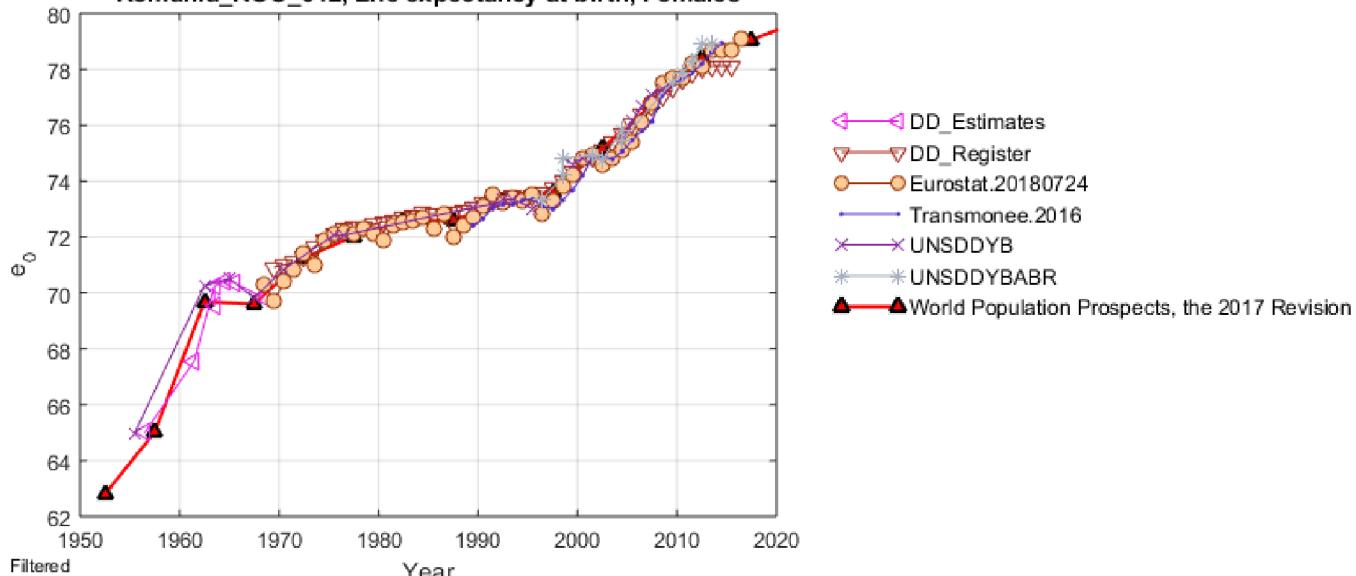




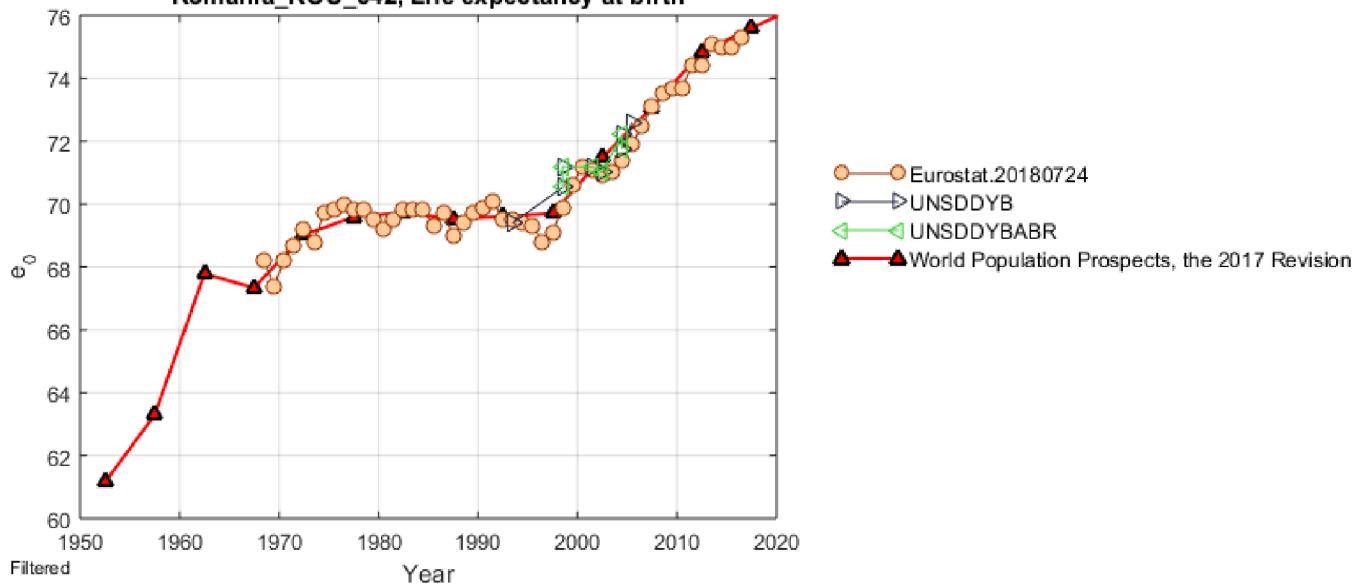
Romania_ROU_642, Life expectancy at birth, Males

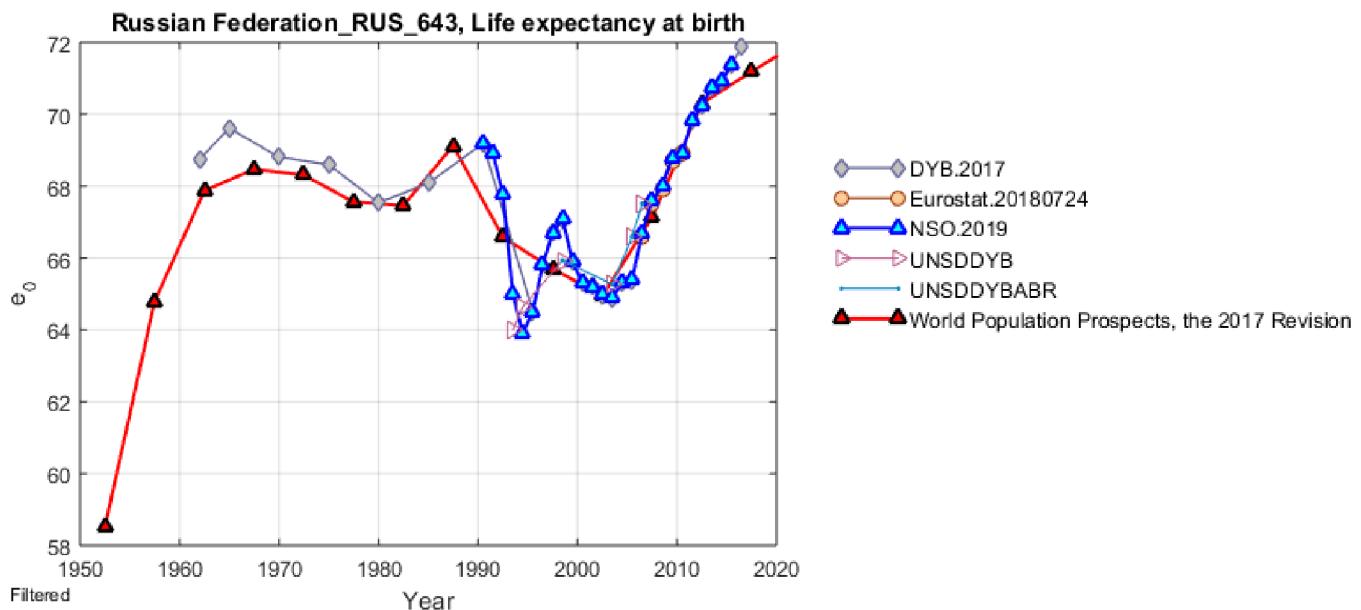
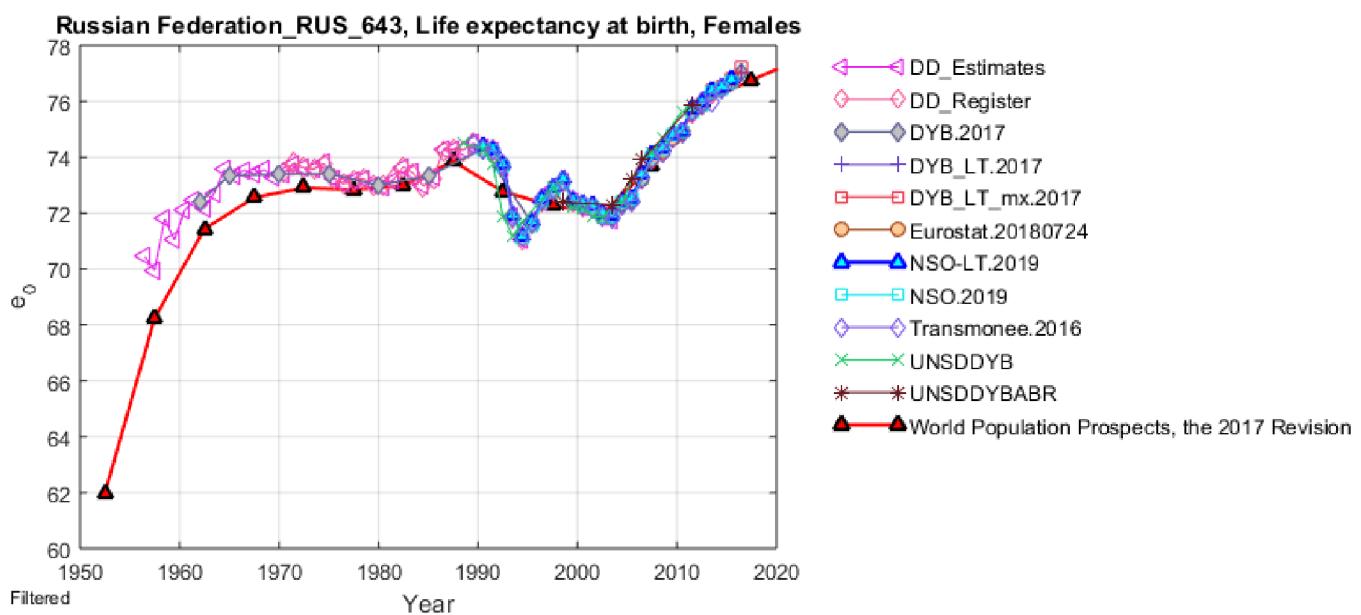
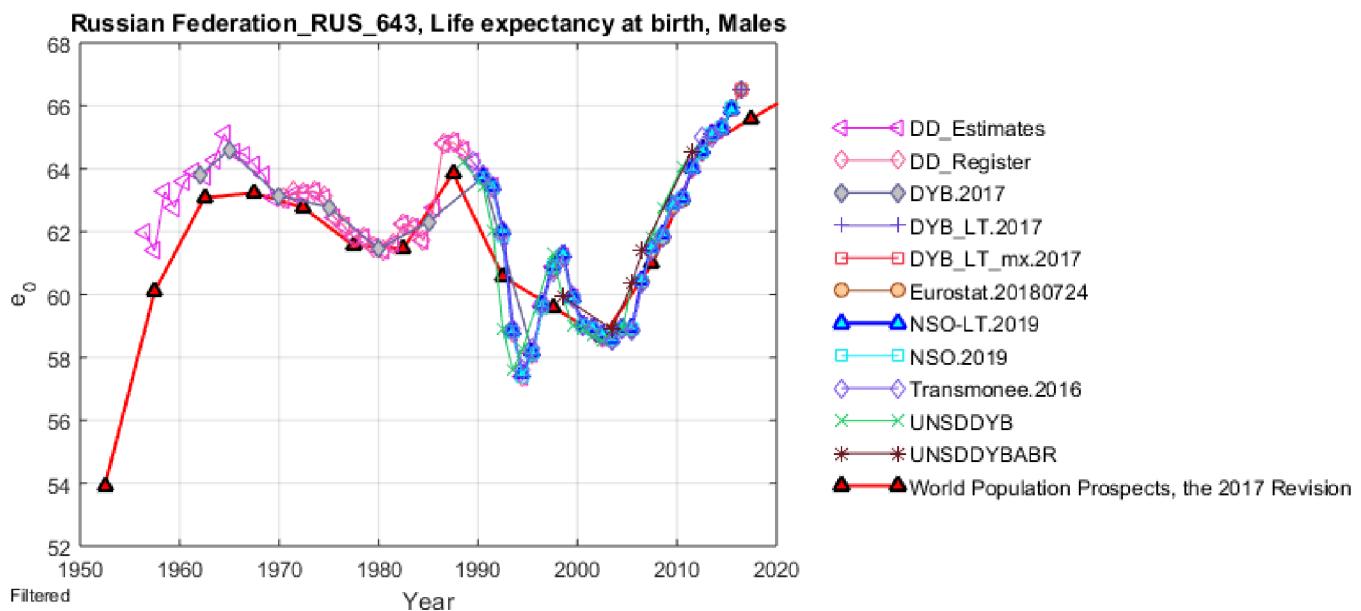


Romania_ROU_642, Life expectancy at birth, Females

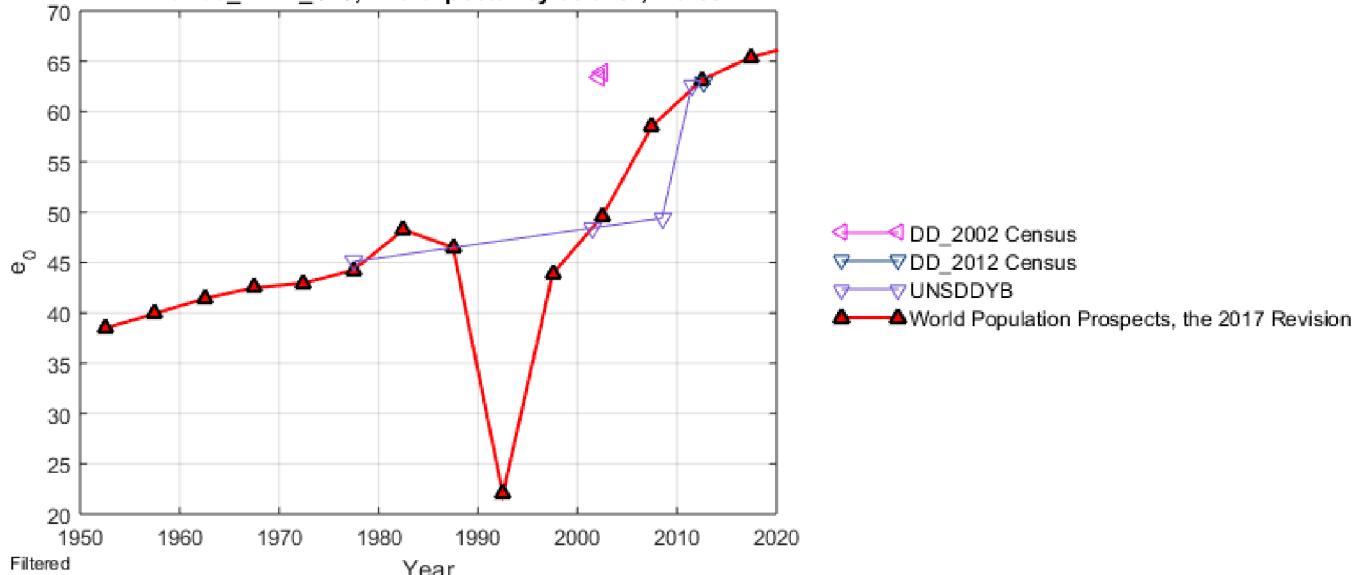


Romania_ROU_642, Life expectancy at birth

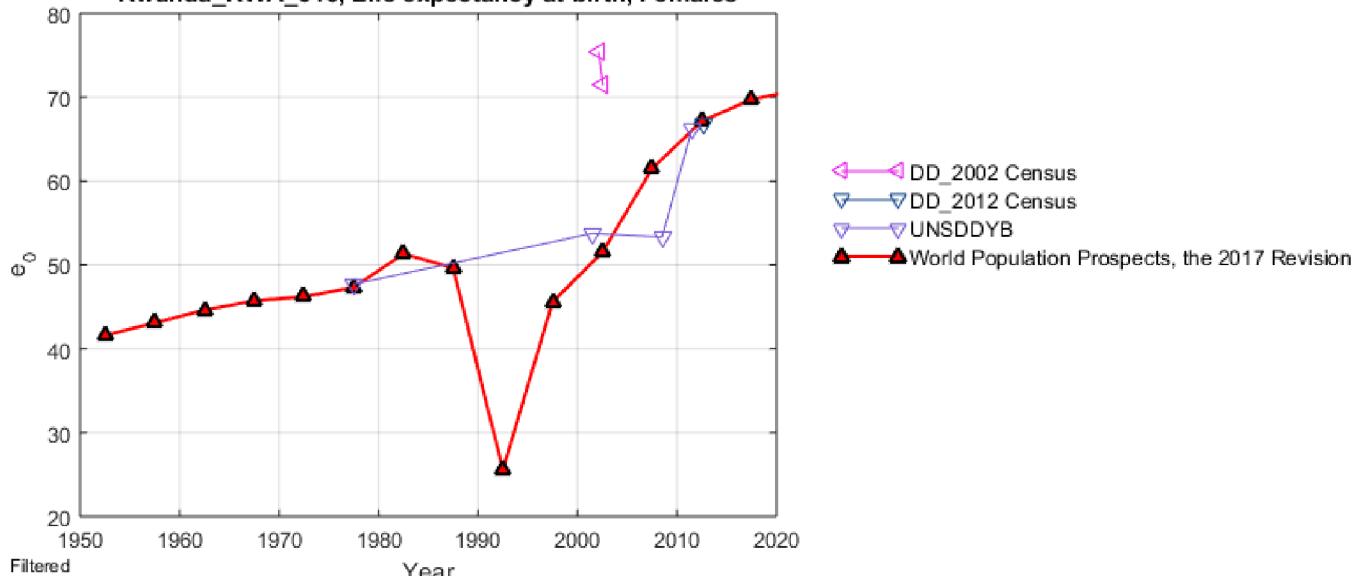




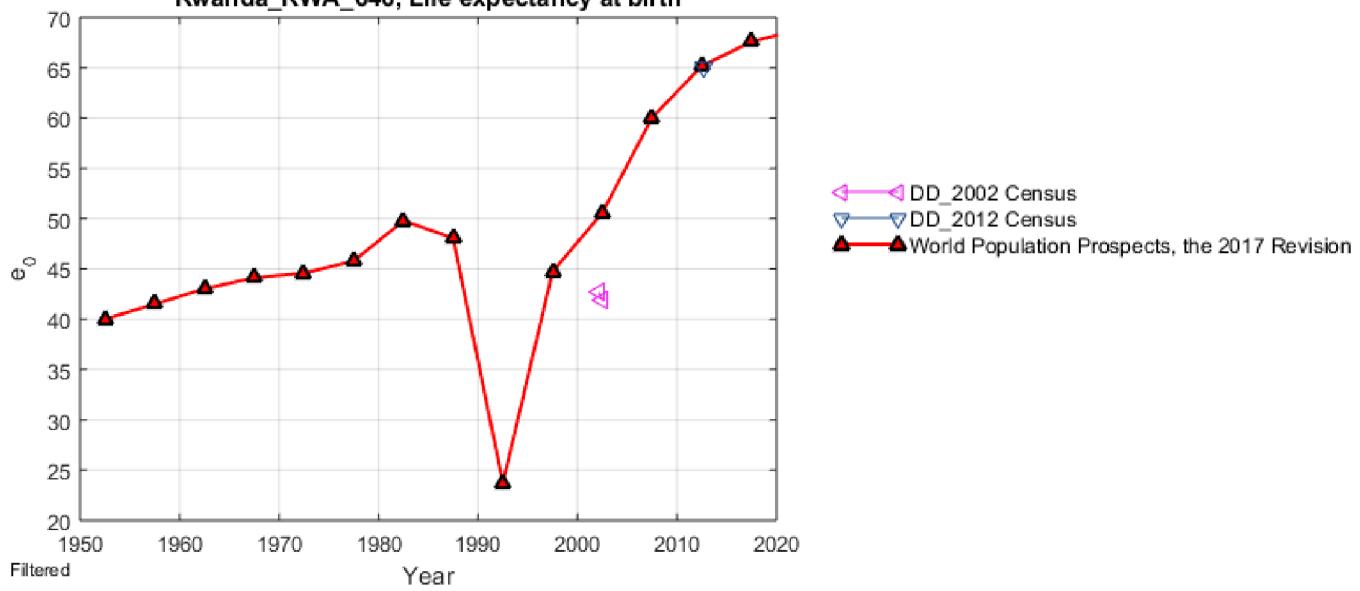
Rwanda_RWA_646, Life expectancy at birth, Males

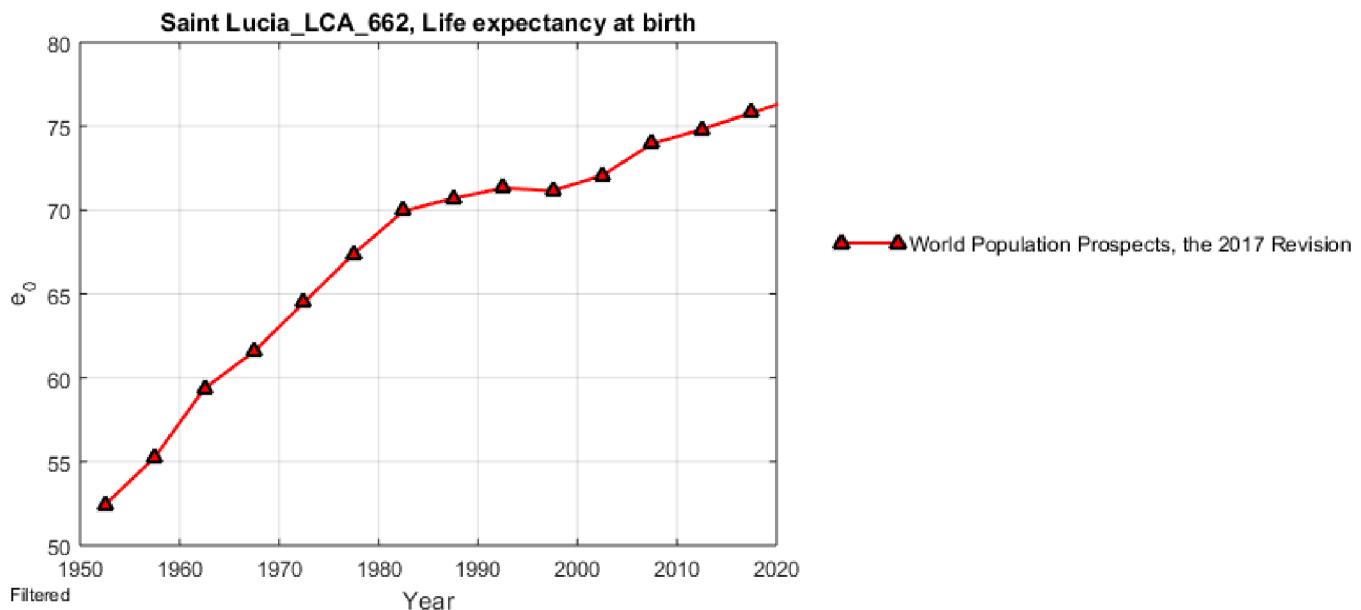
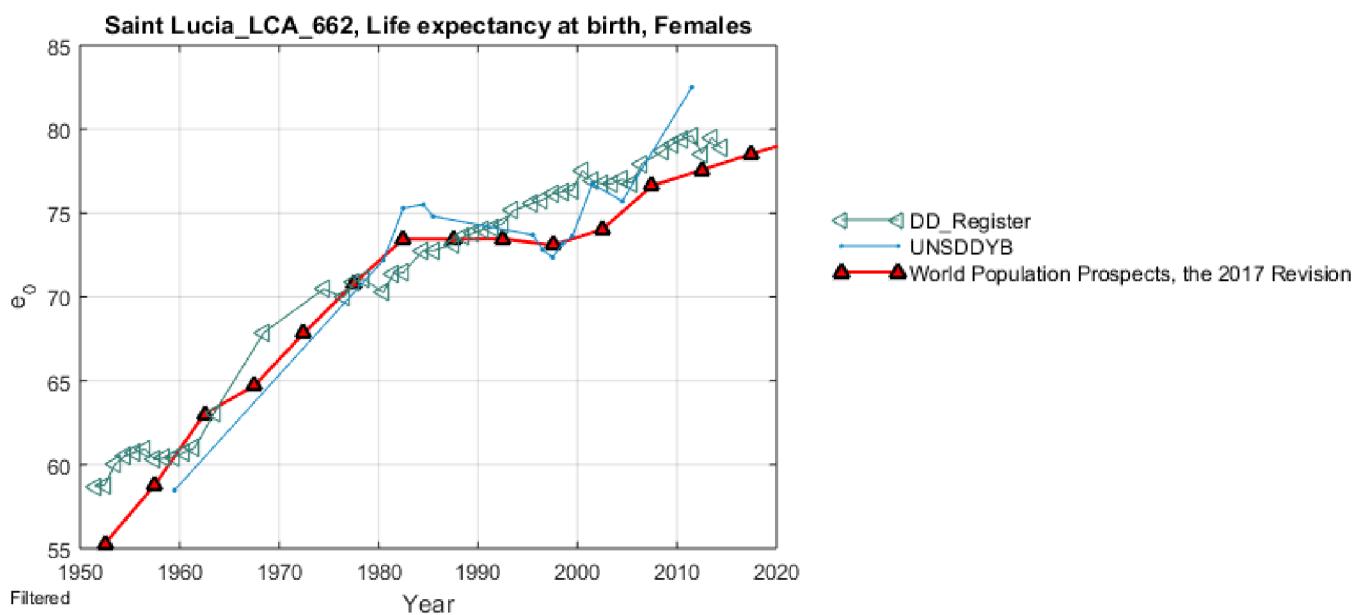
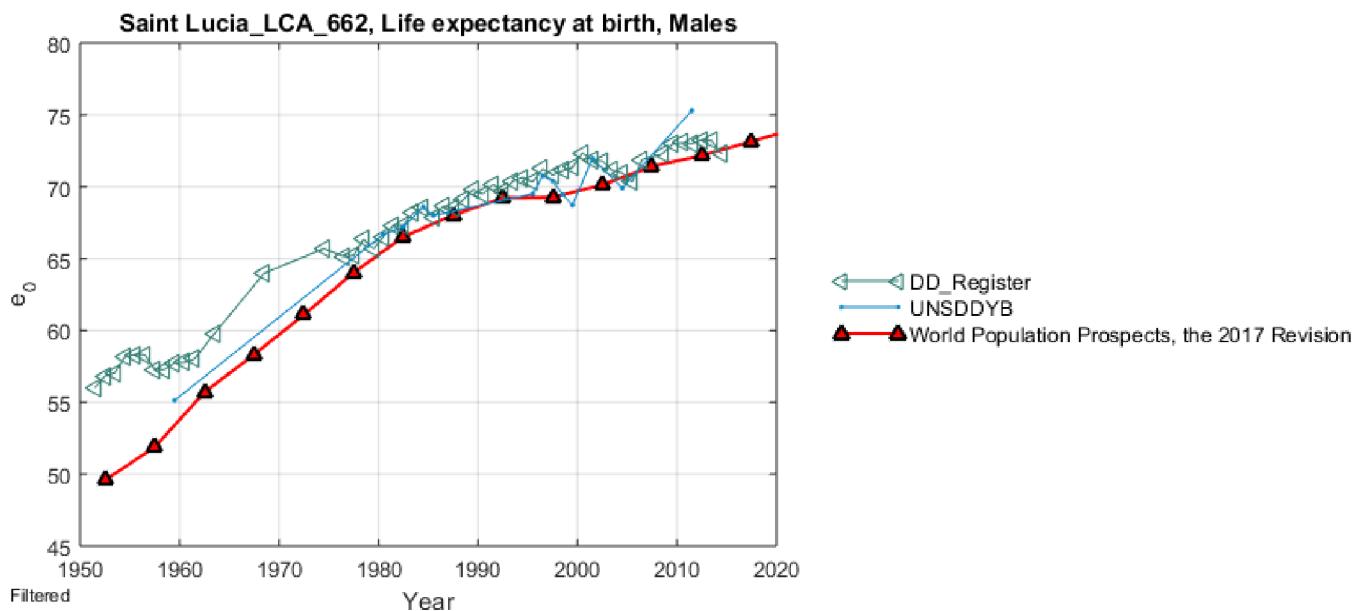


Rwanda_RWA_646, Life expectancy at birth, Females

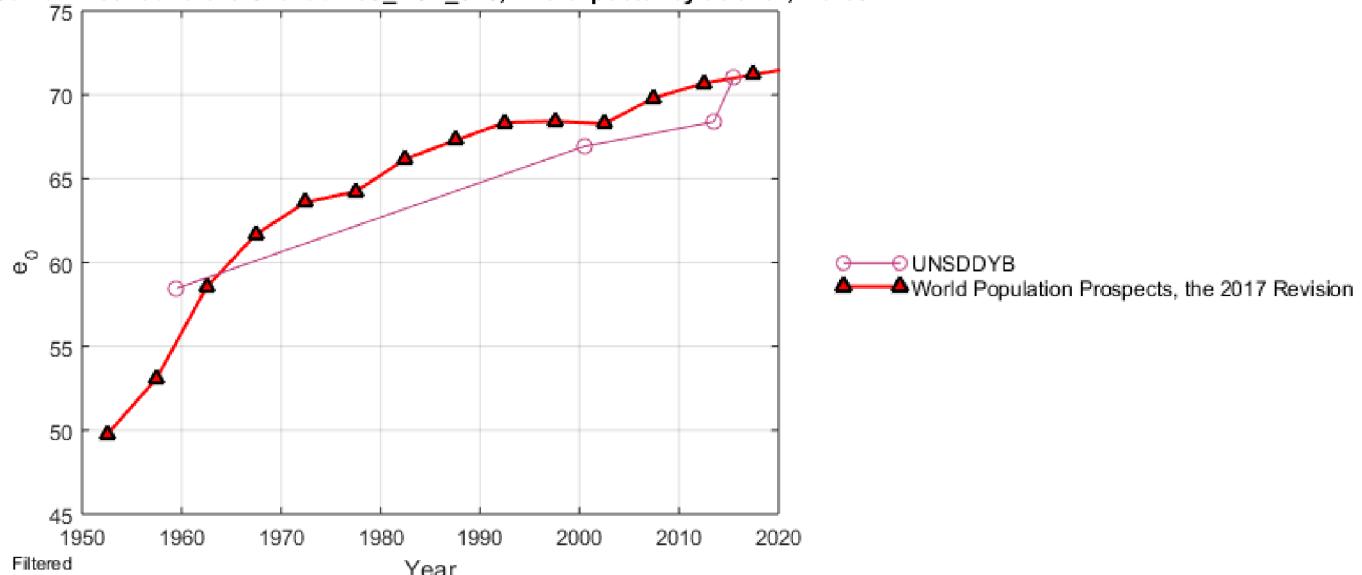


Rwanda_RWA_646, Life expectancy at birth

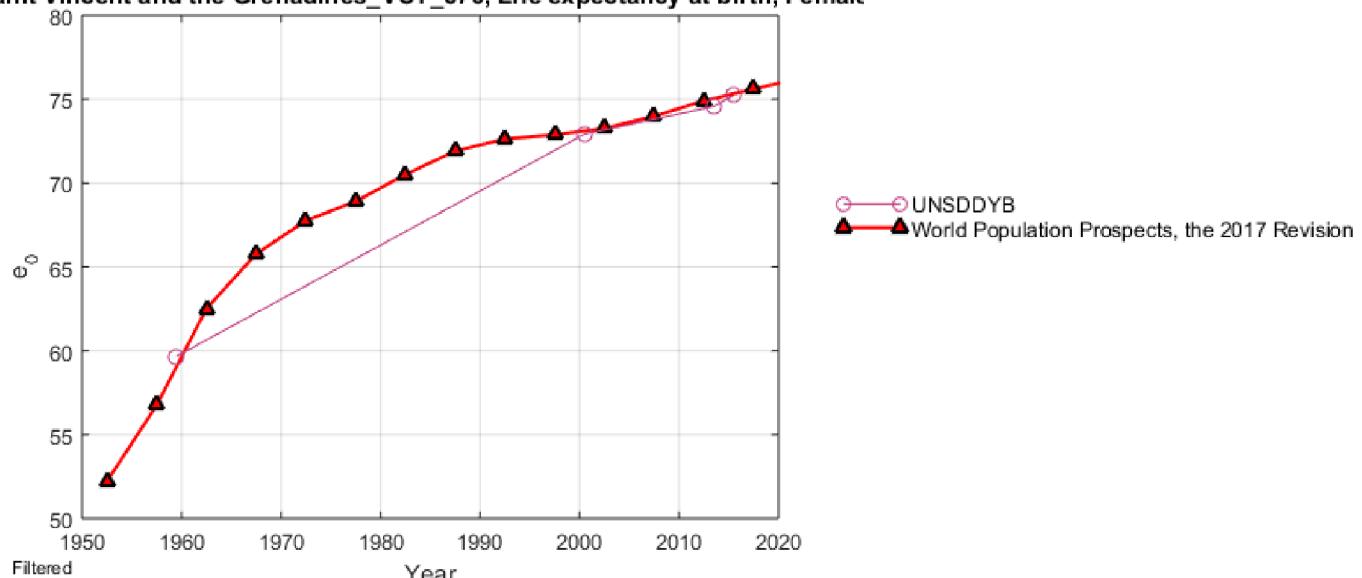




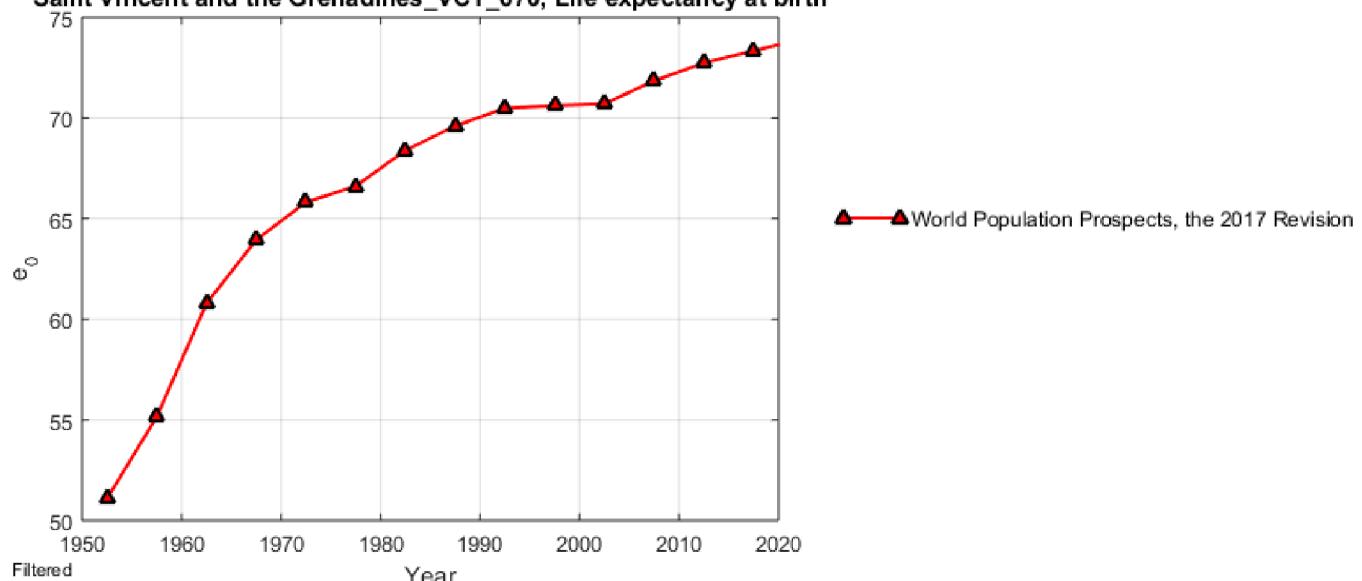
Saint Vincent and the Grenadines_VCT_670, Life expectancy at birth, Males



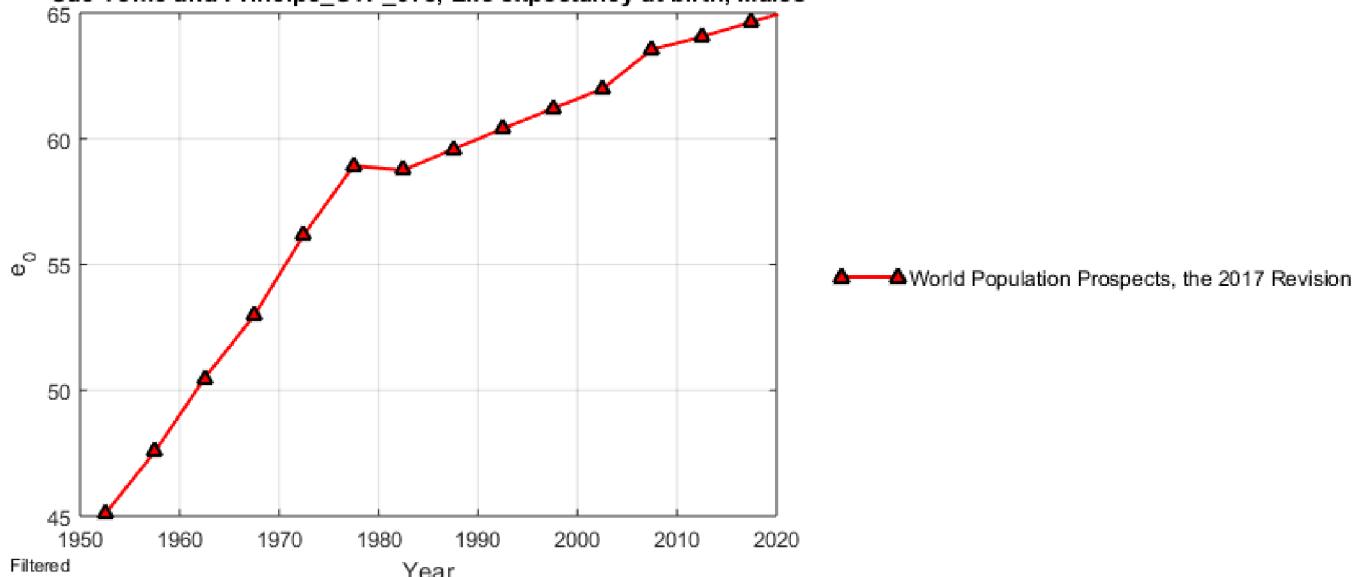
Saint Vincent and the Grenadines_VCT_670, Life expectancy at birth, Female



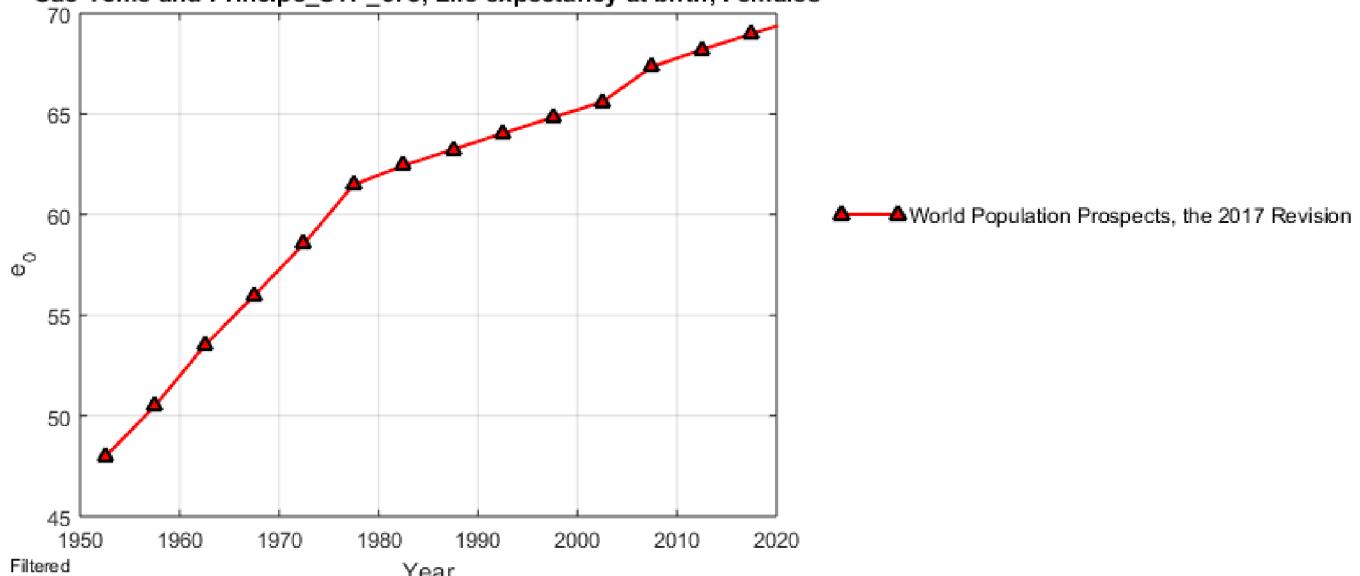
Saint Vincent and the Grenadines_VCT_670, Life expectancy at birth



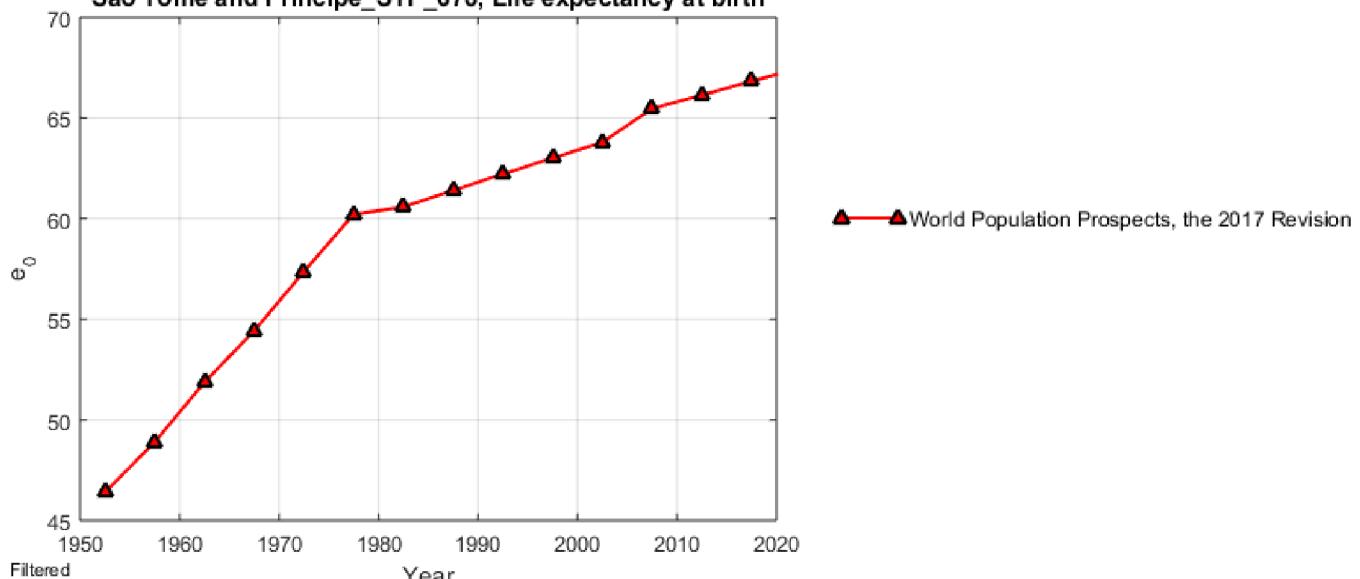
Sao Tome and Principe_STP_678, Life expectancy at birth, Males

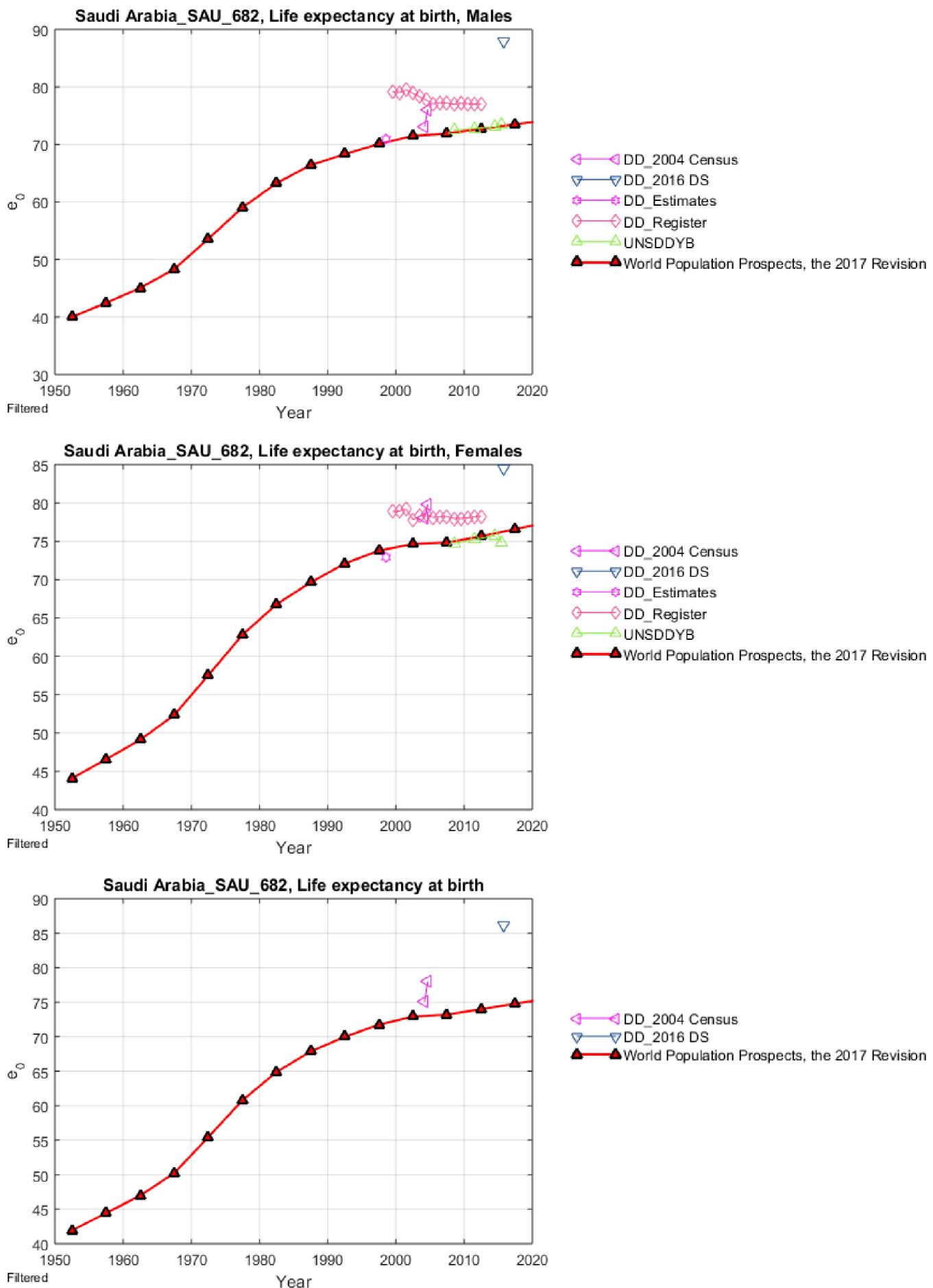


Sao Tome and Principe_STP_678, Life expectancy at birth, Females

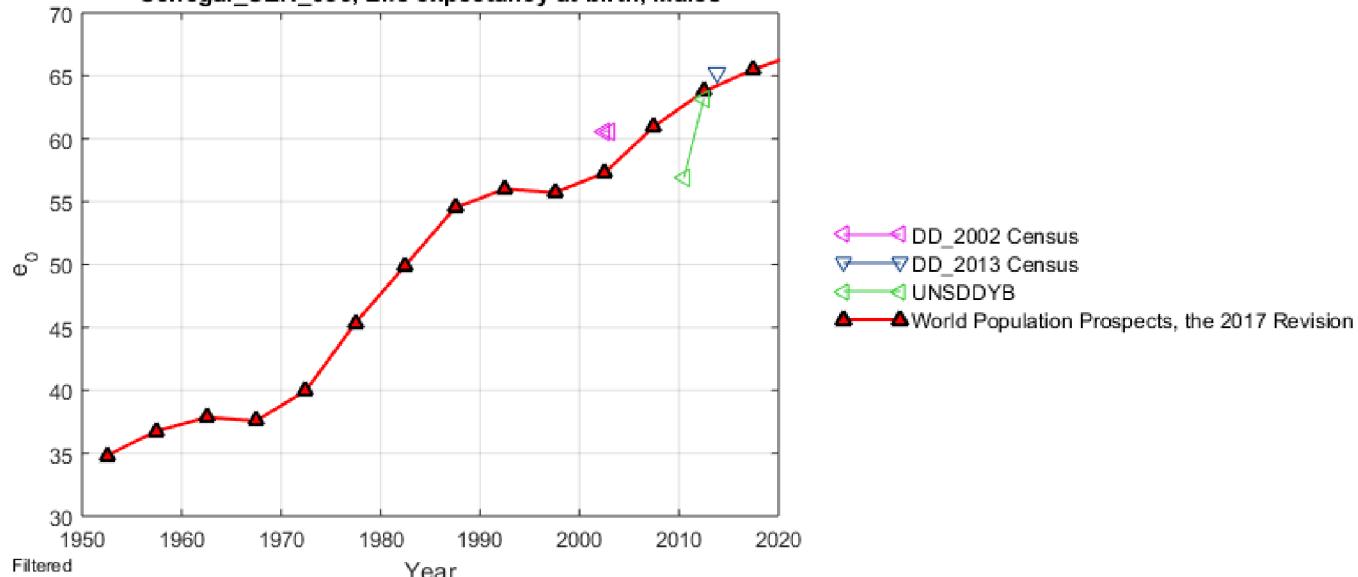


Sao Tome and Principe_STP_678, Life expectancy at birth

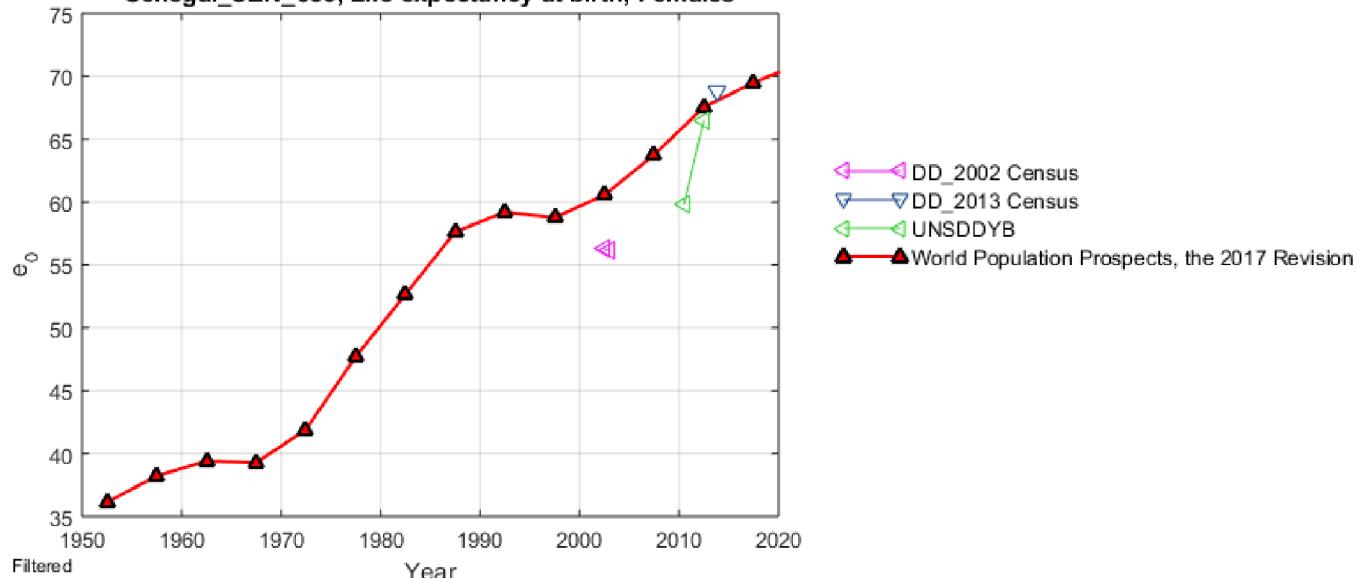




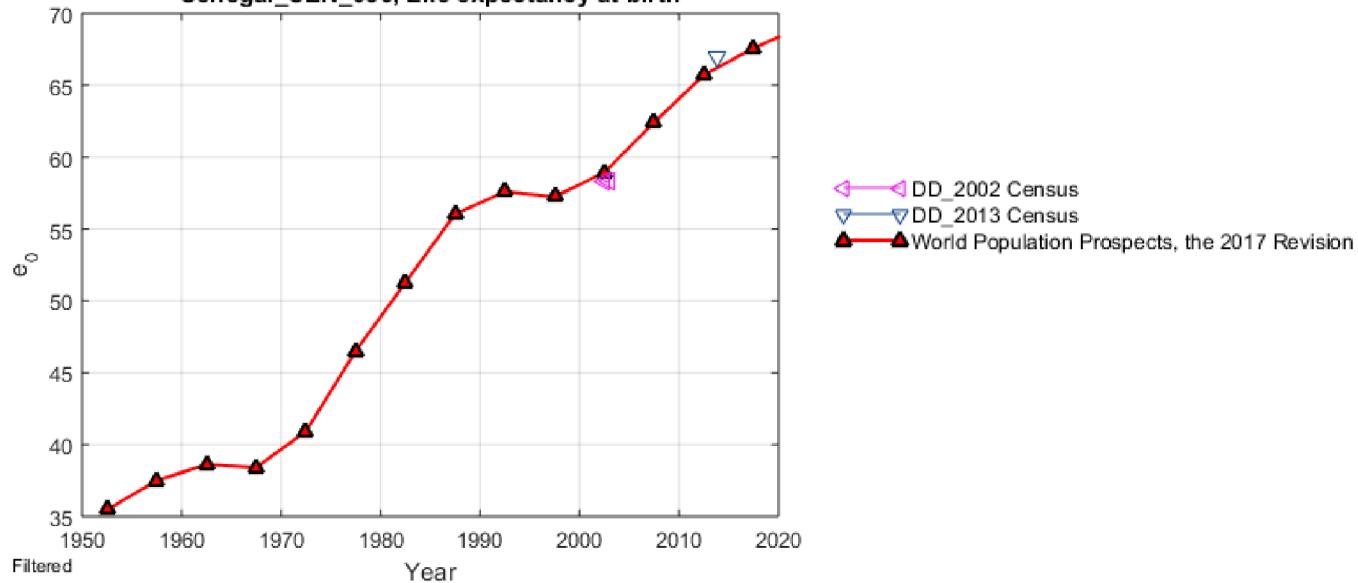
Senegal_SEN_686, Life expectancy at birth, Males

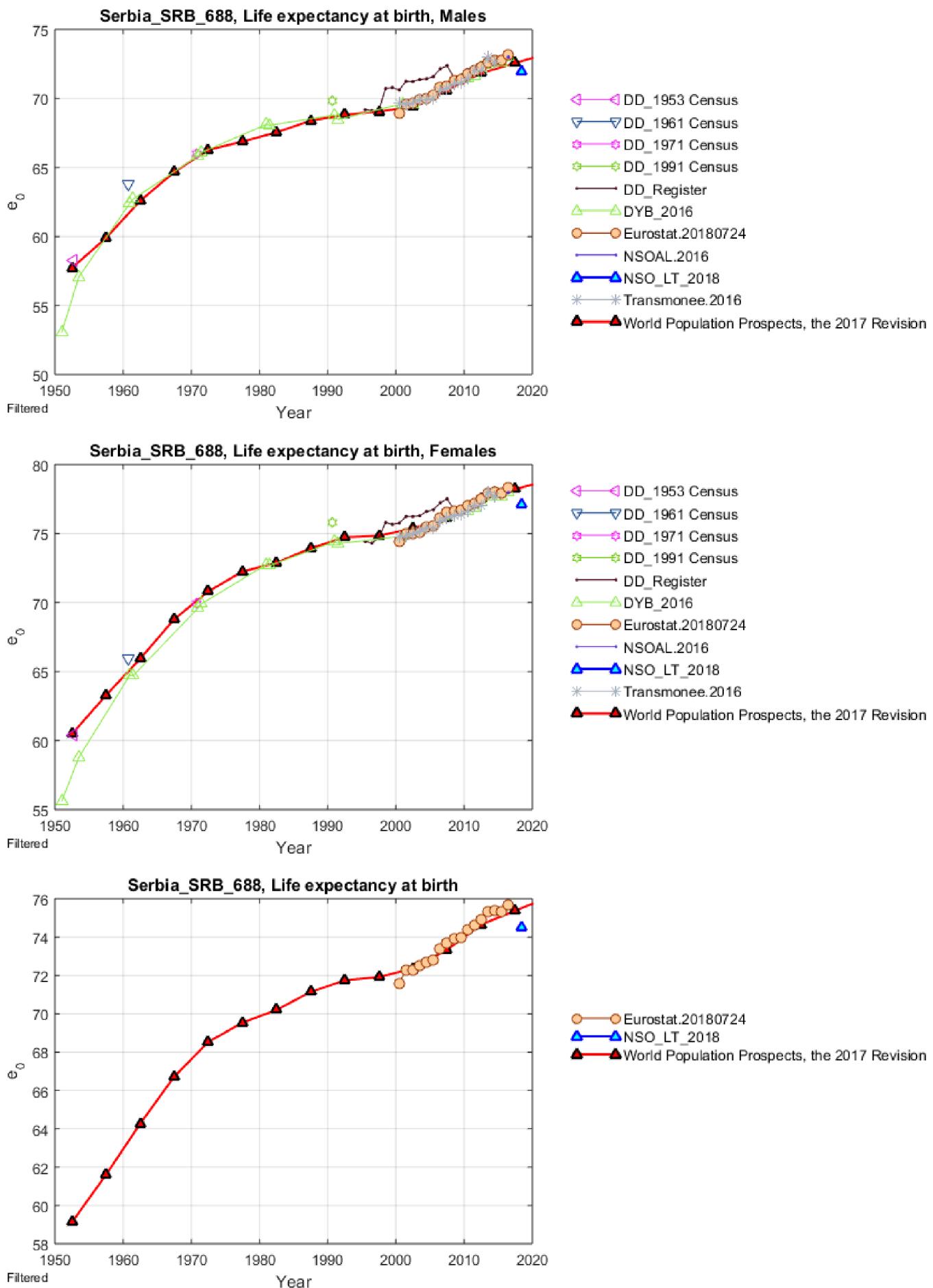


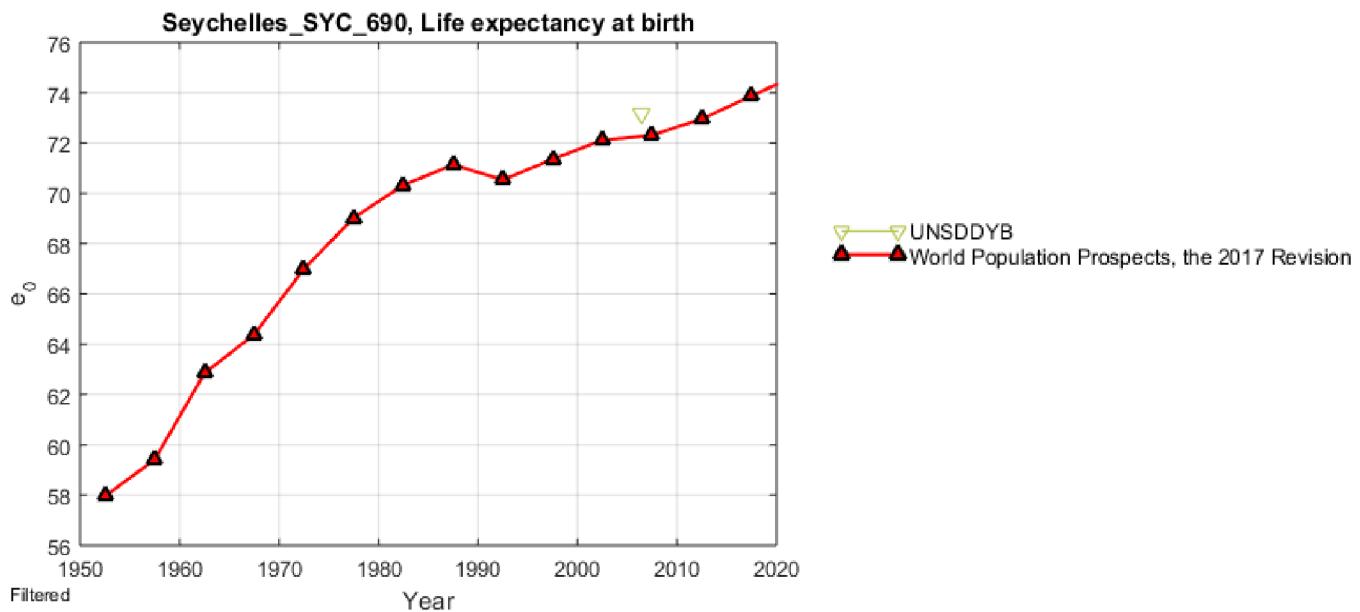
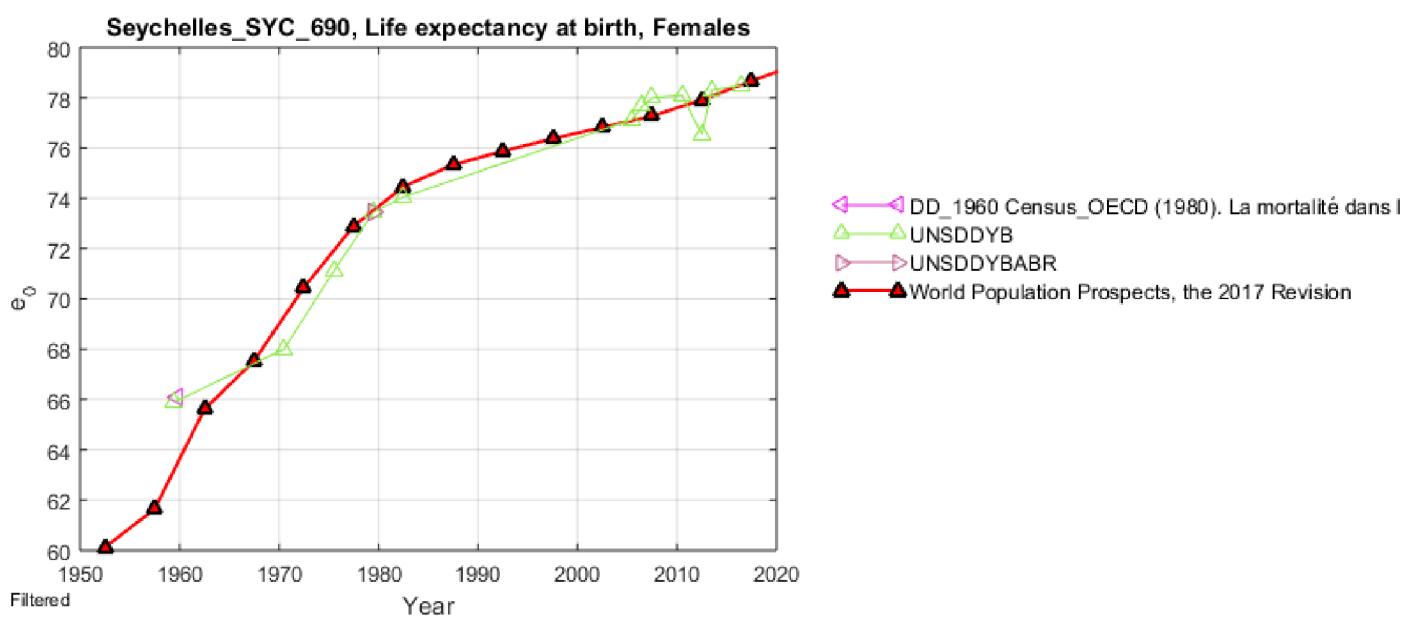
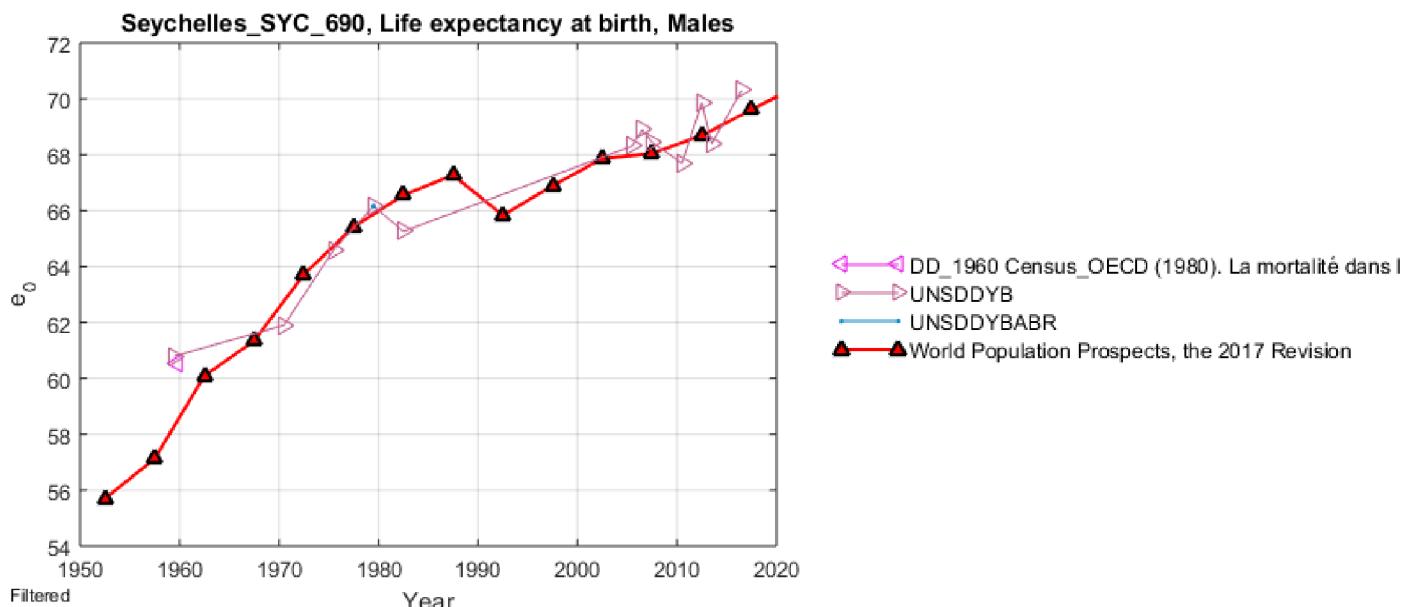
Senegal_SEN_686, Life expectancy at birth, Females

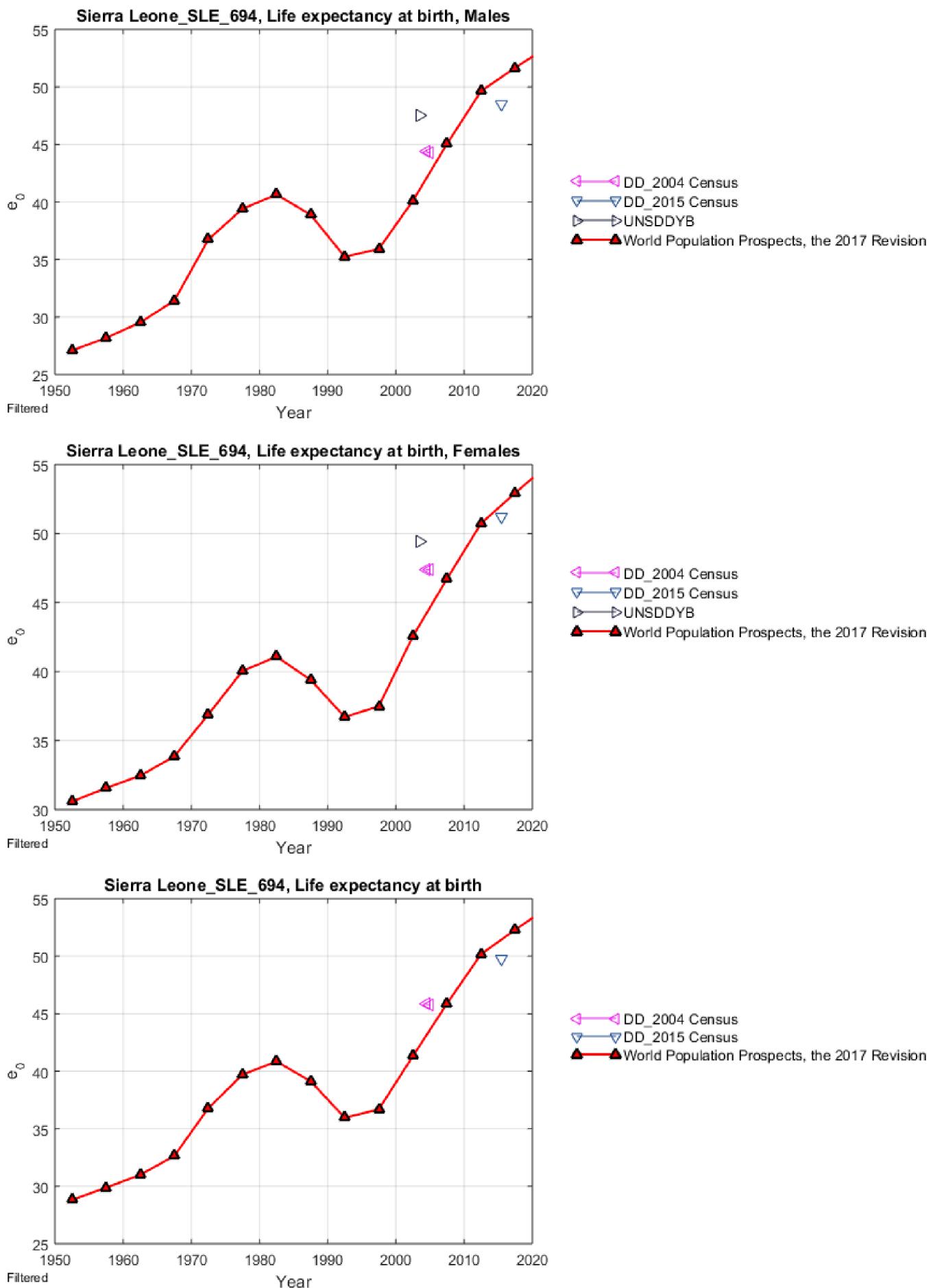


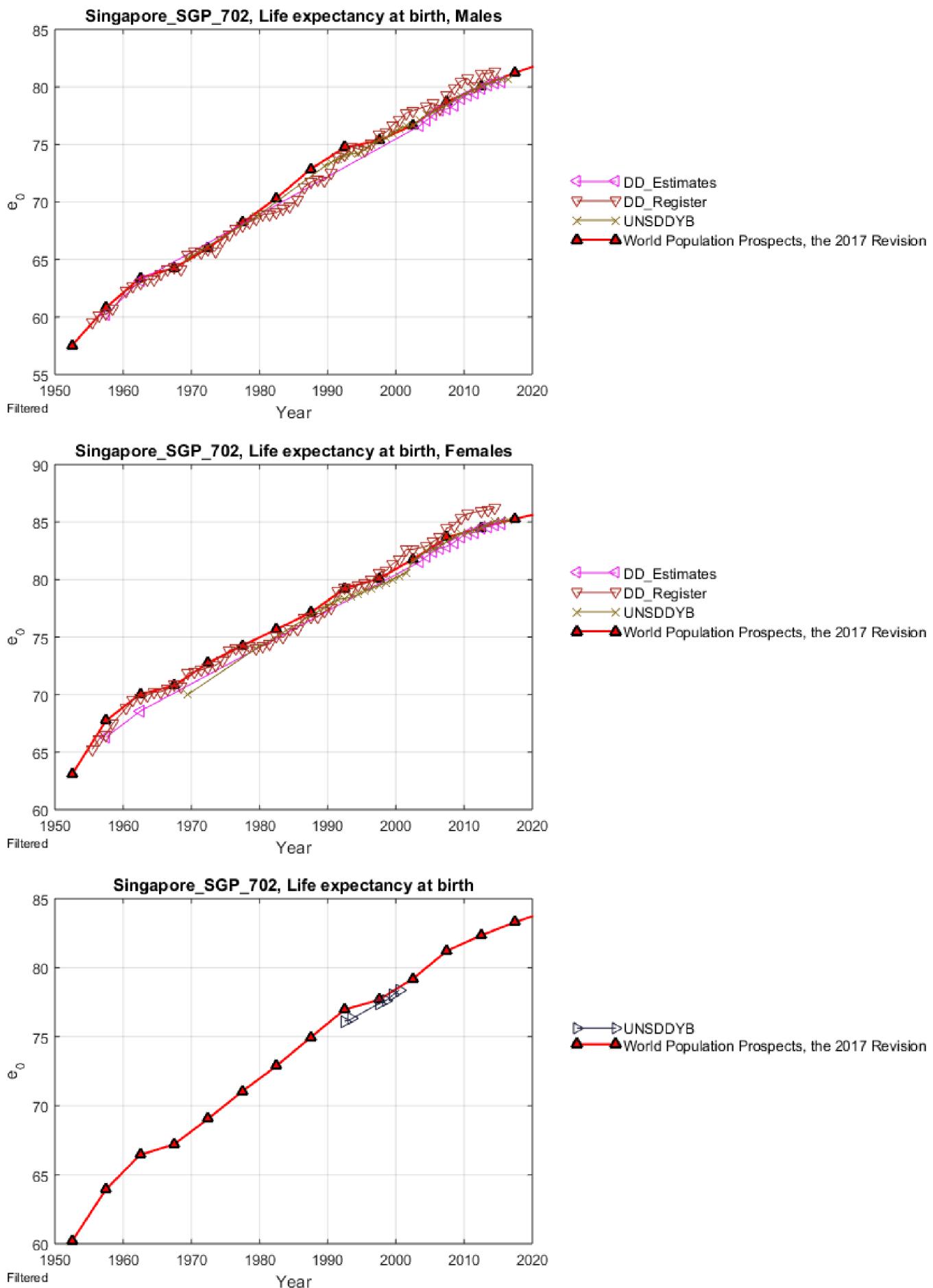
Senegal_SEN_686, Life expectancy at birth

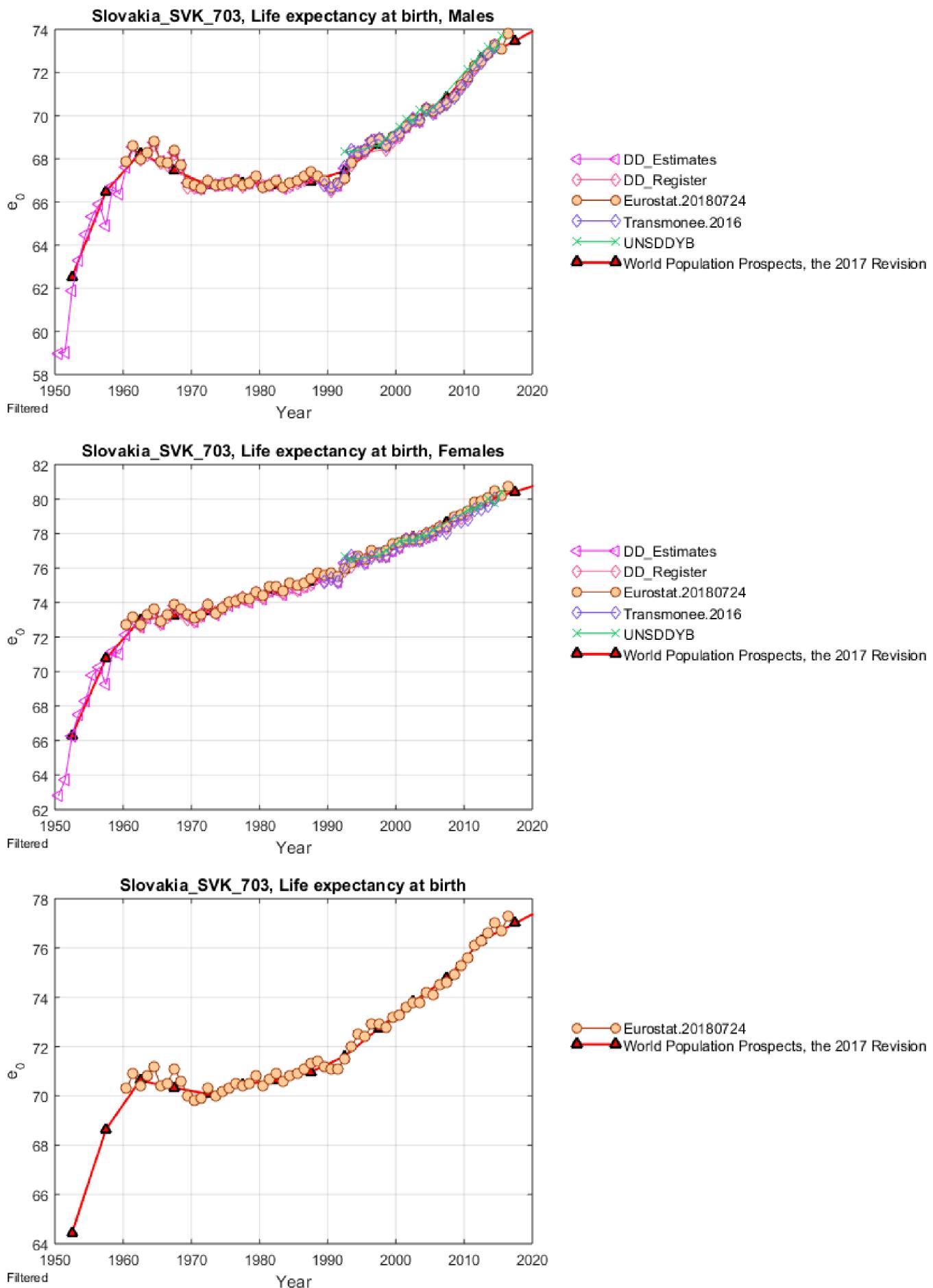


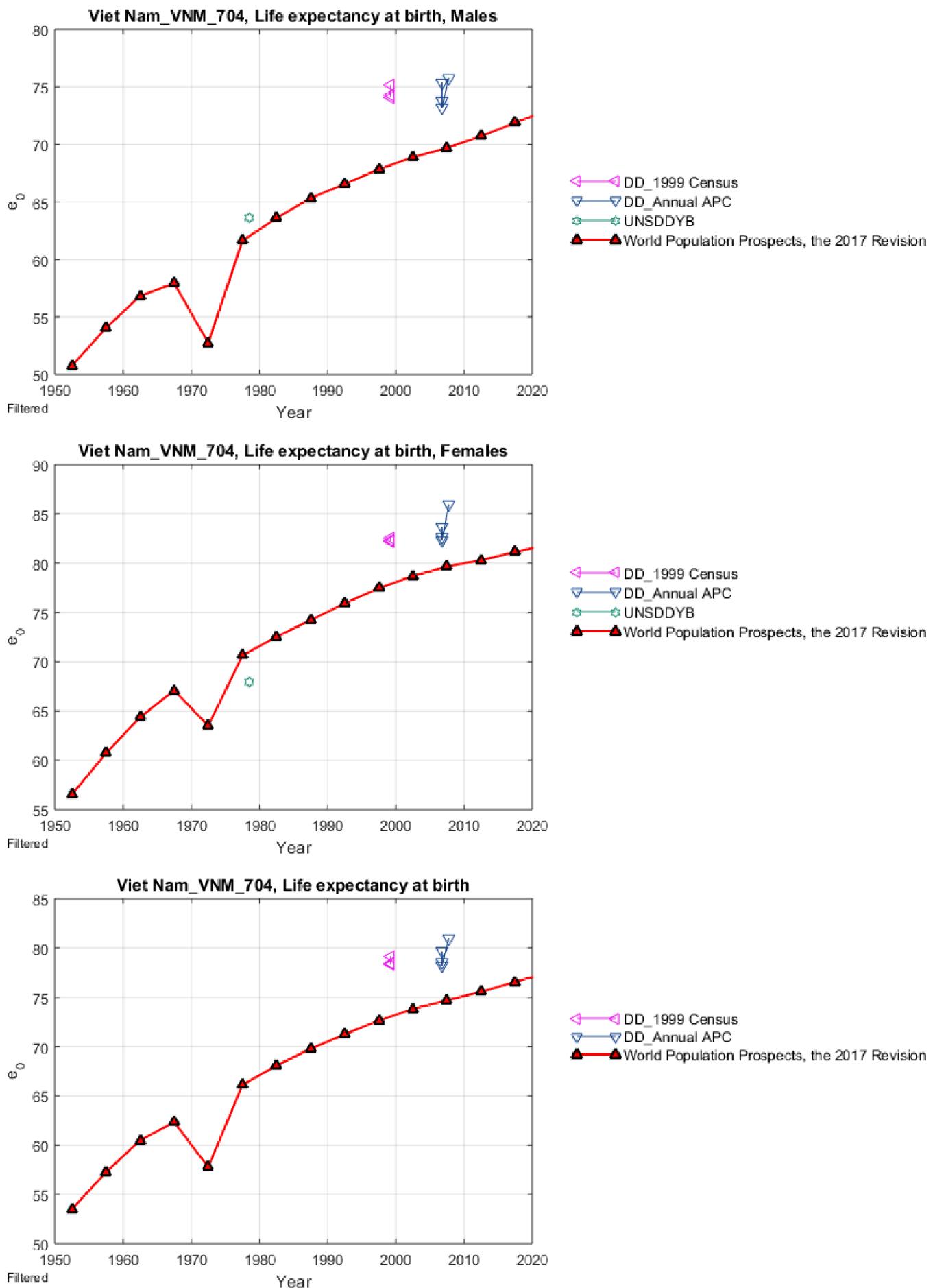


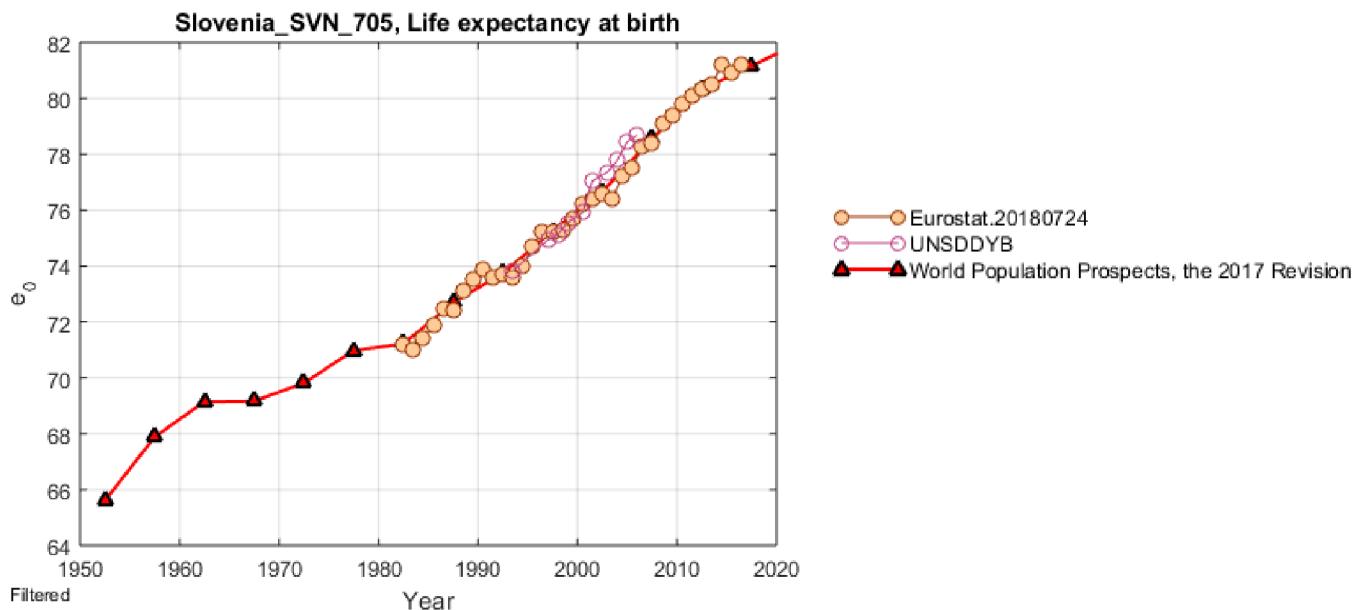
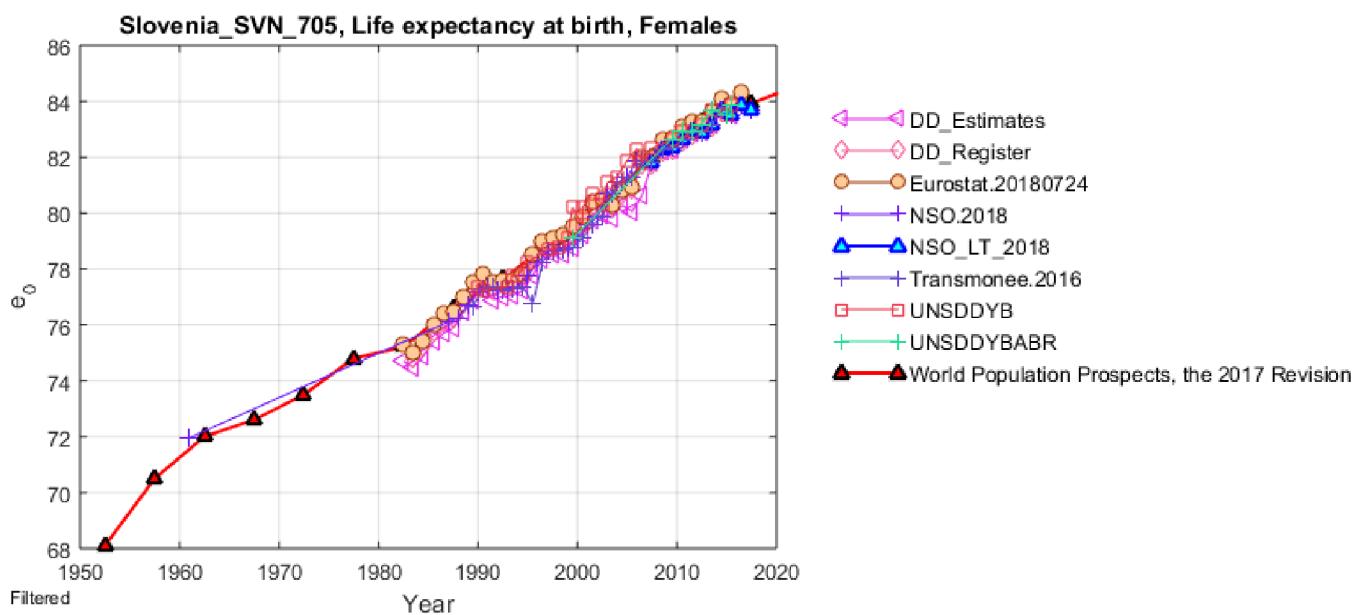
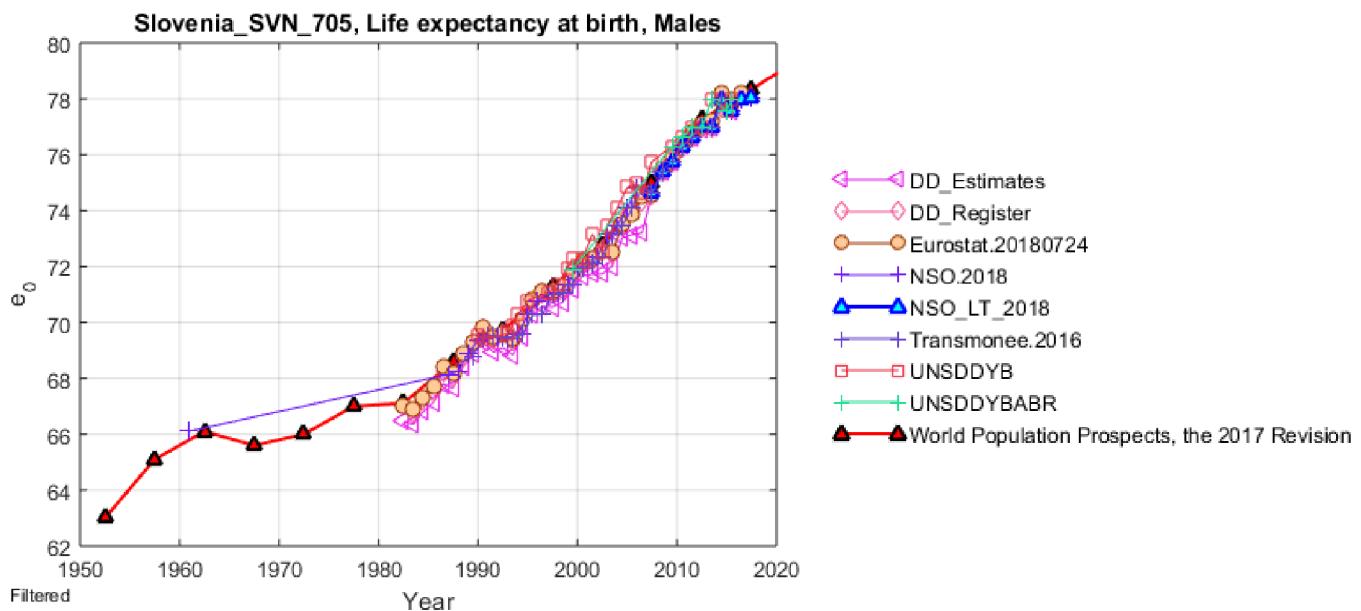


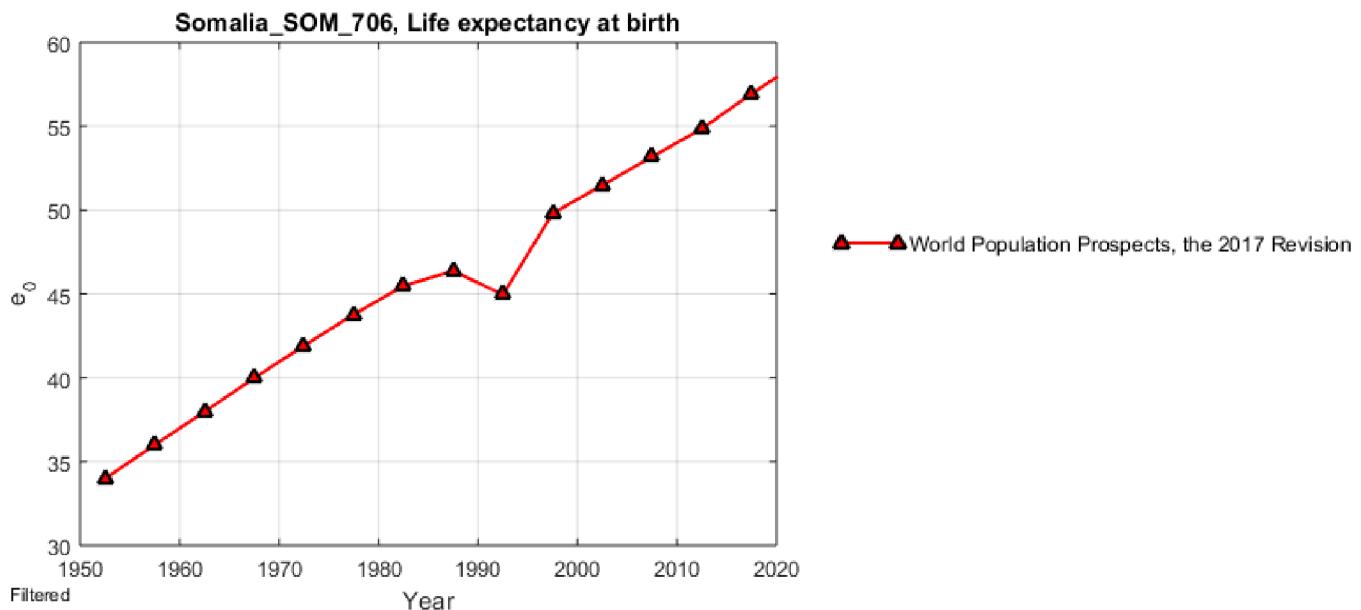
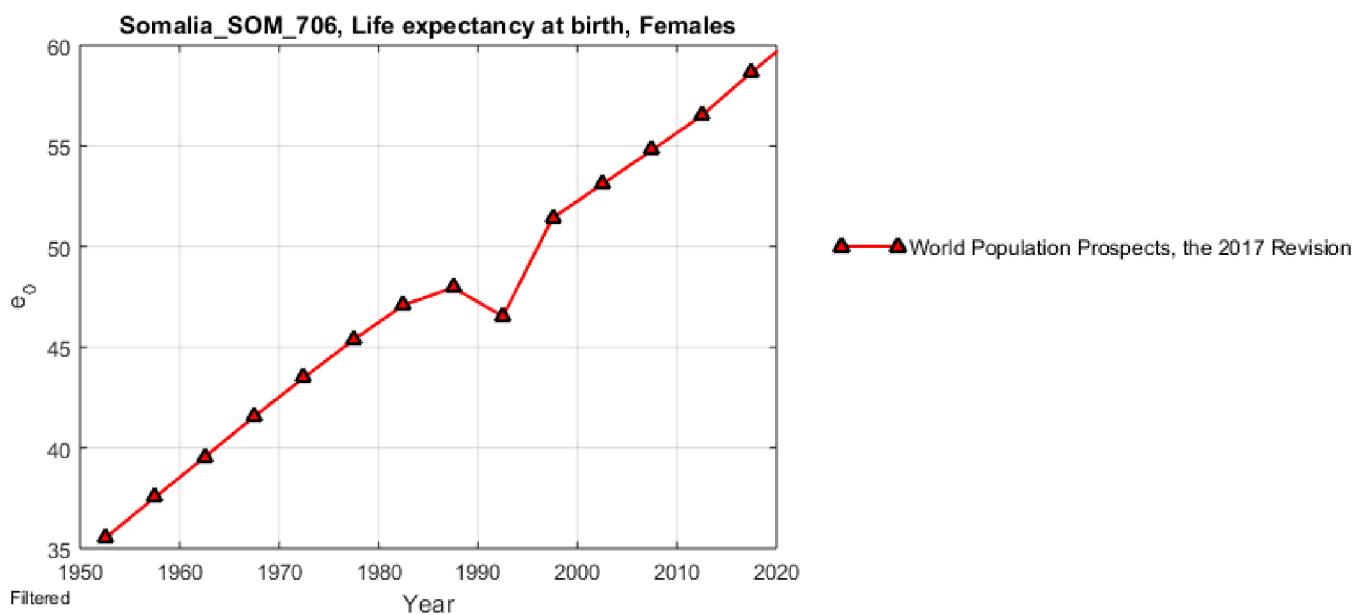
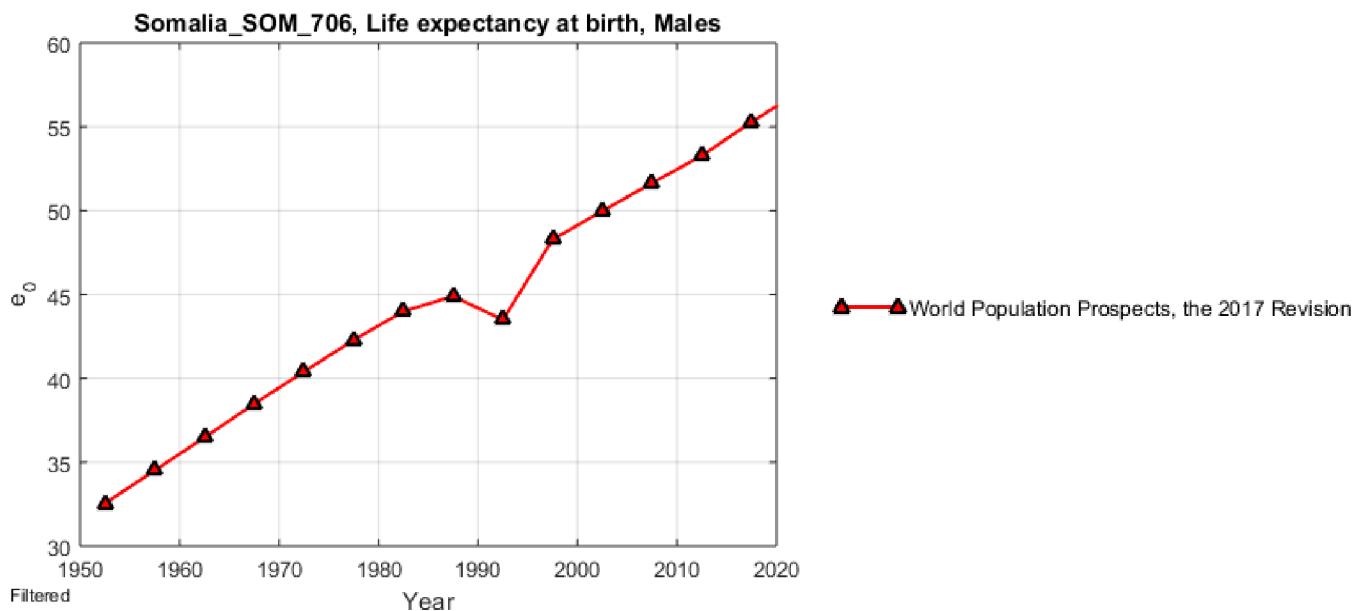


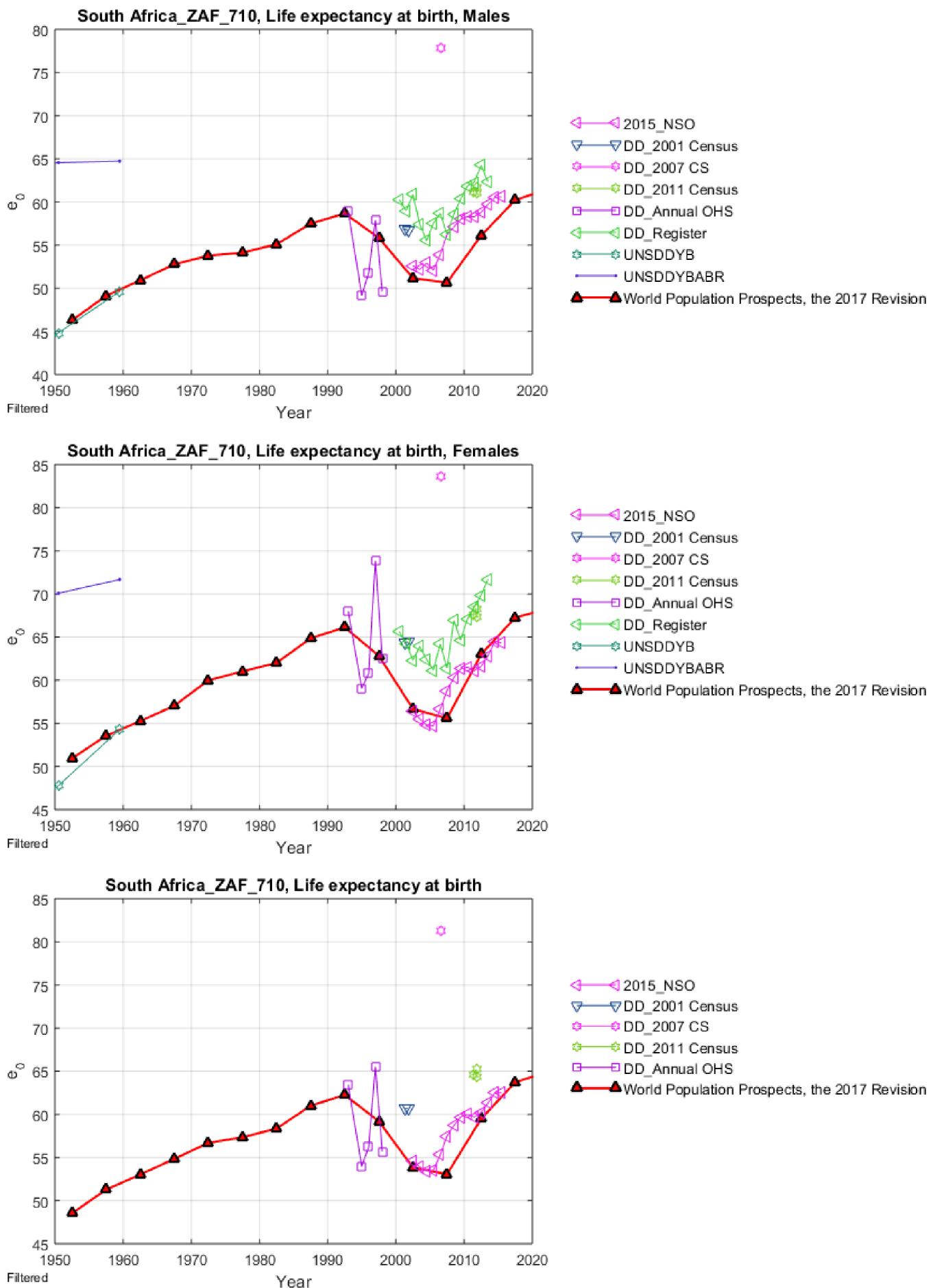


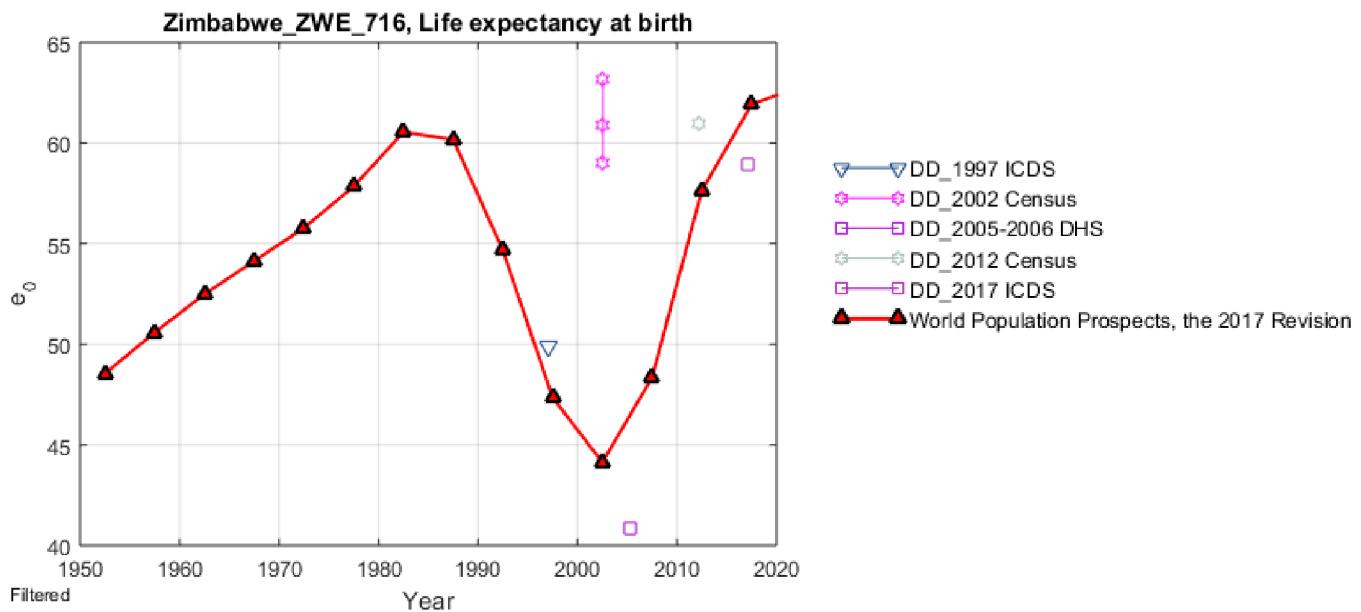
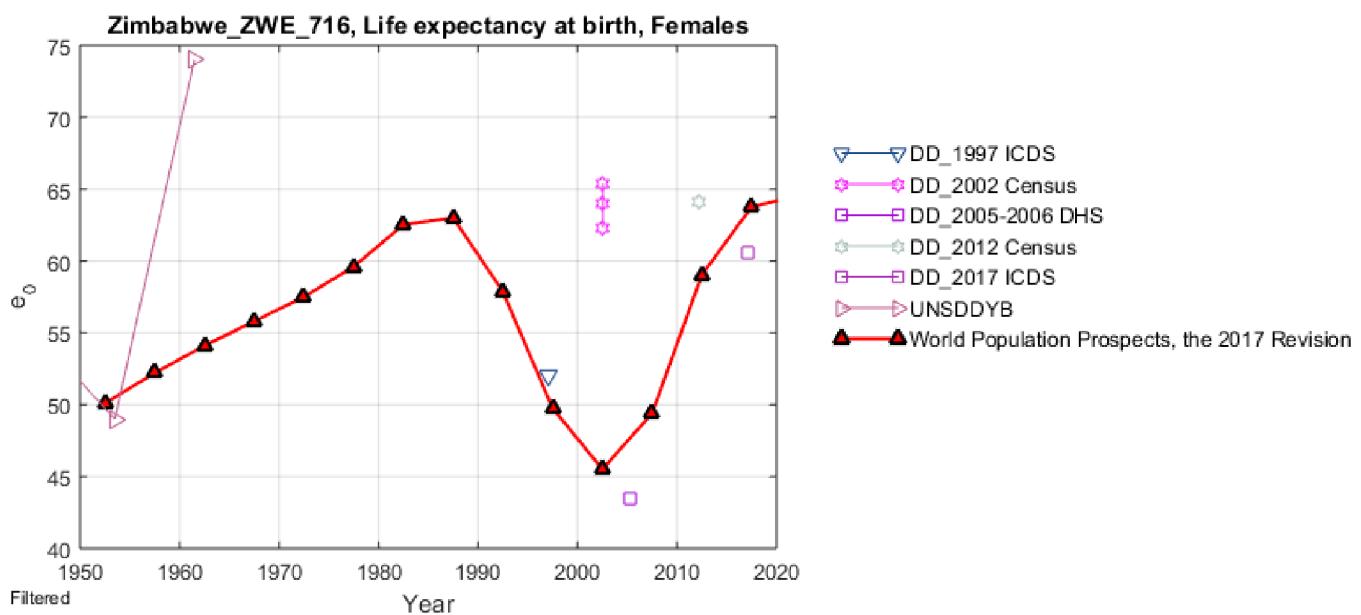
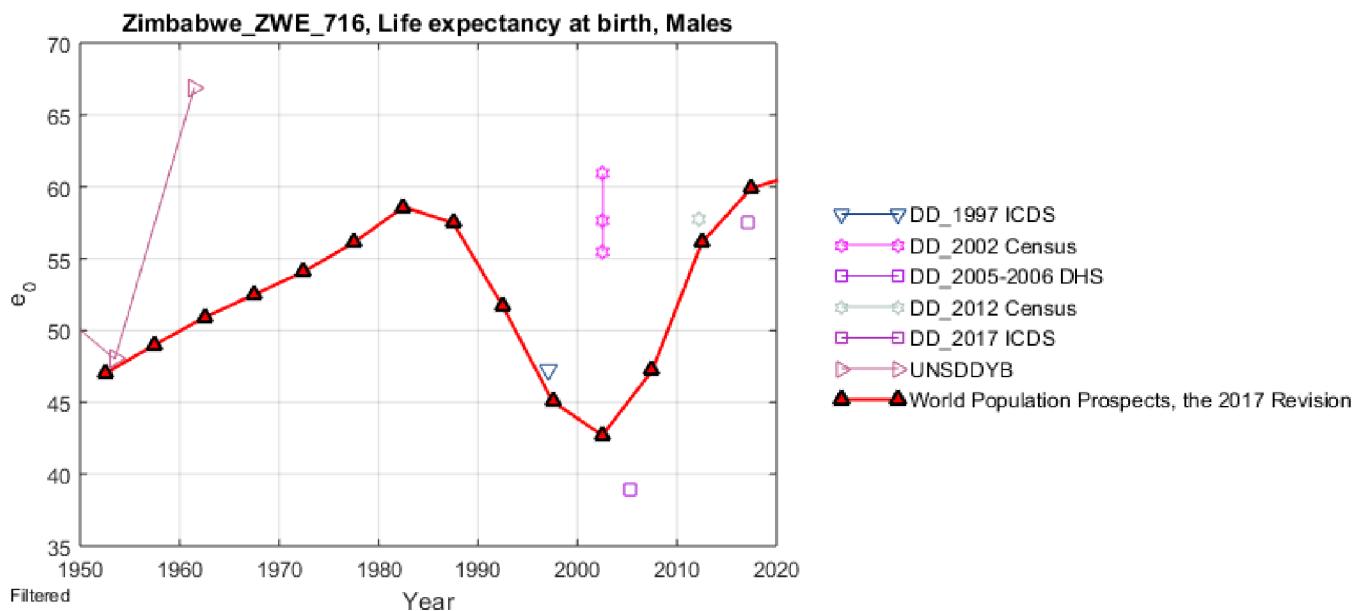


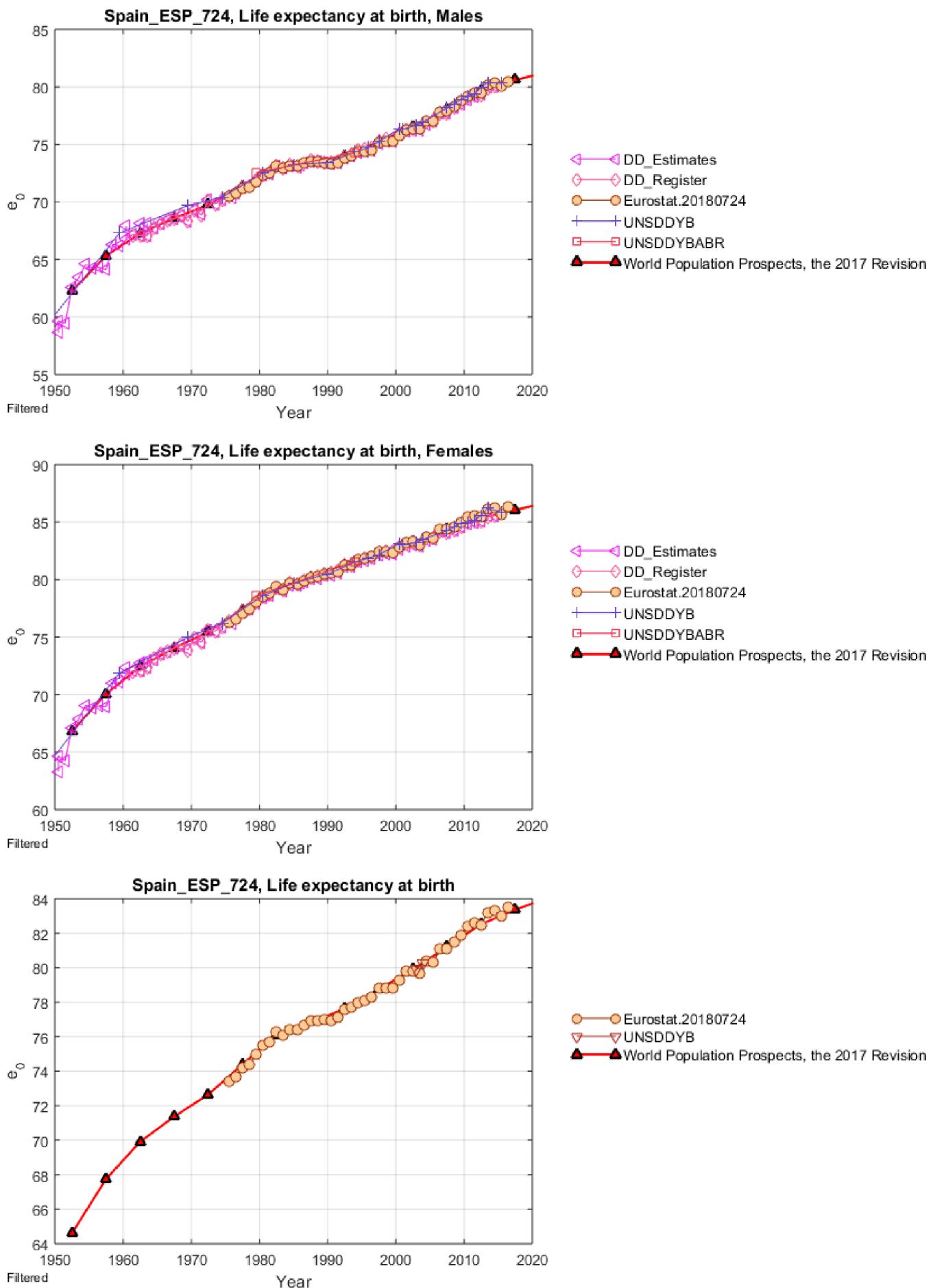


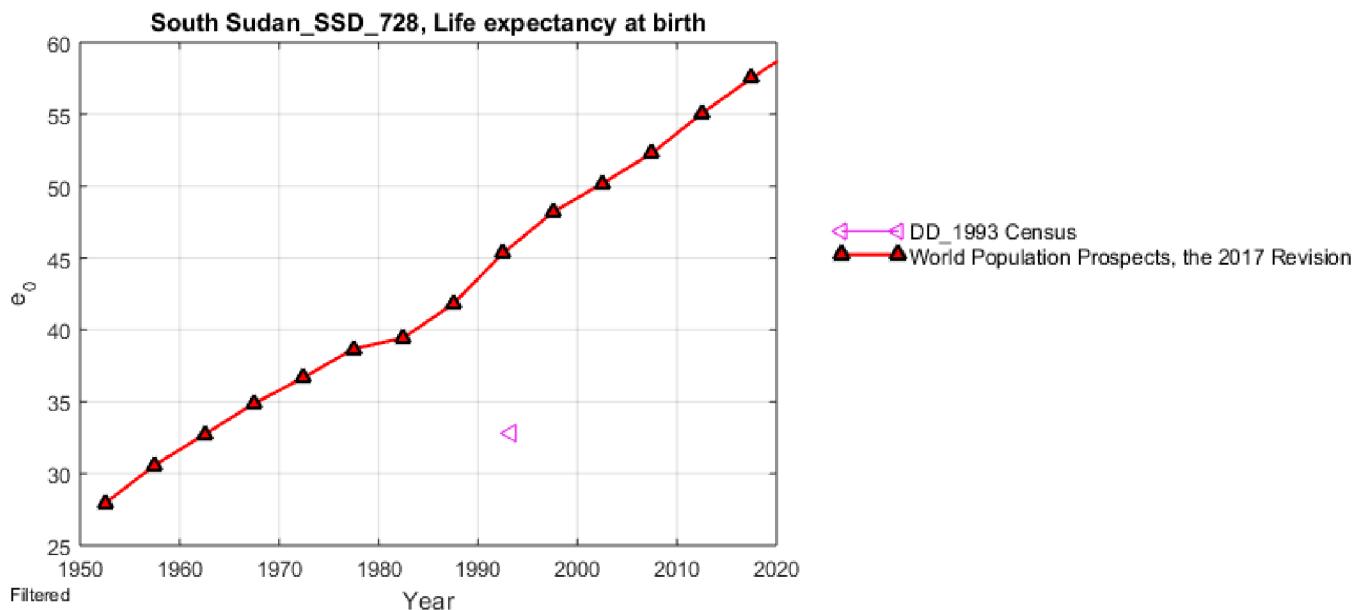
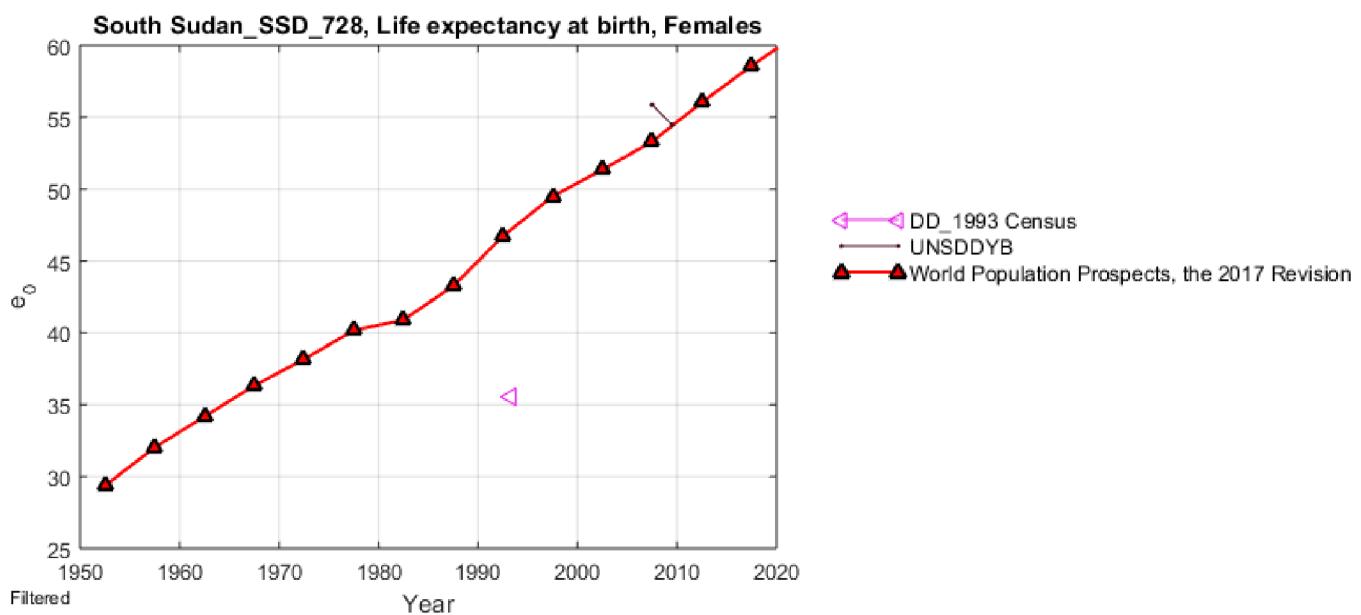
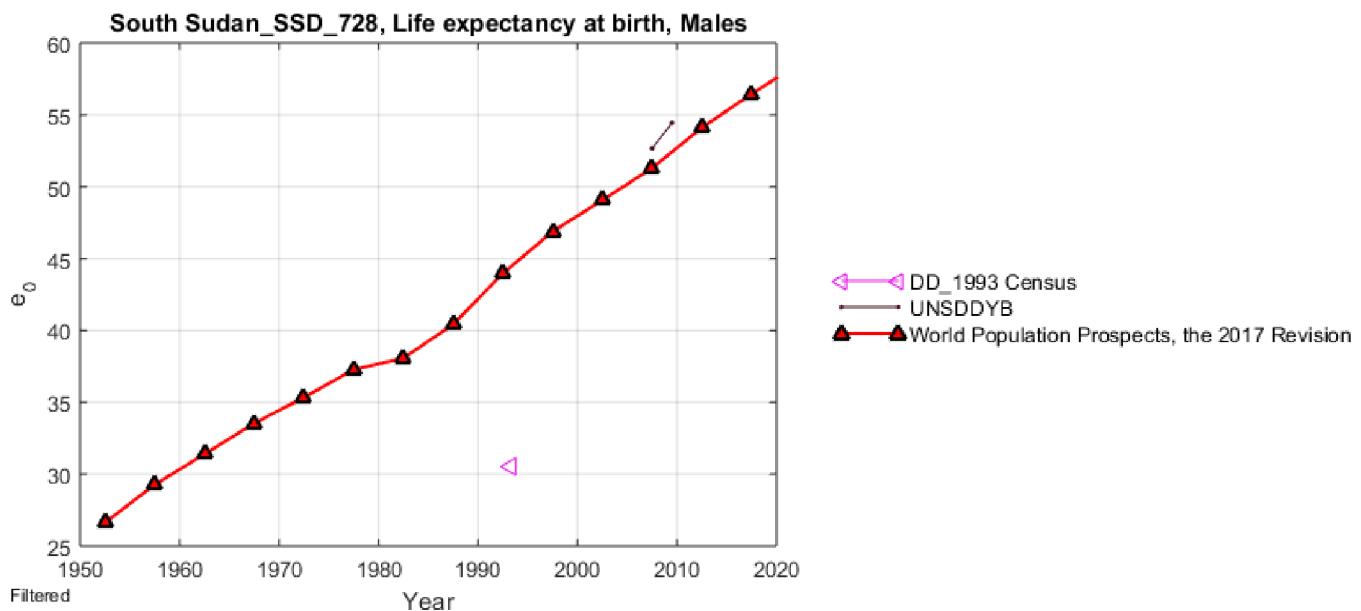


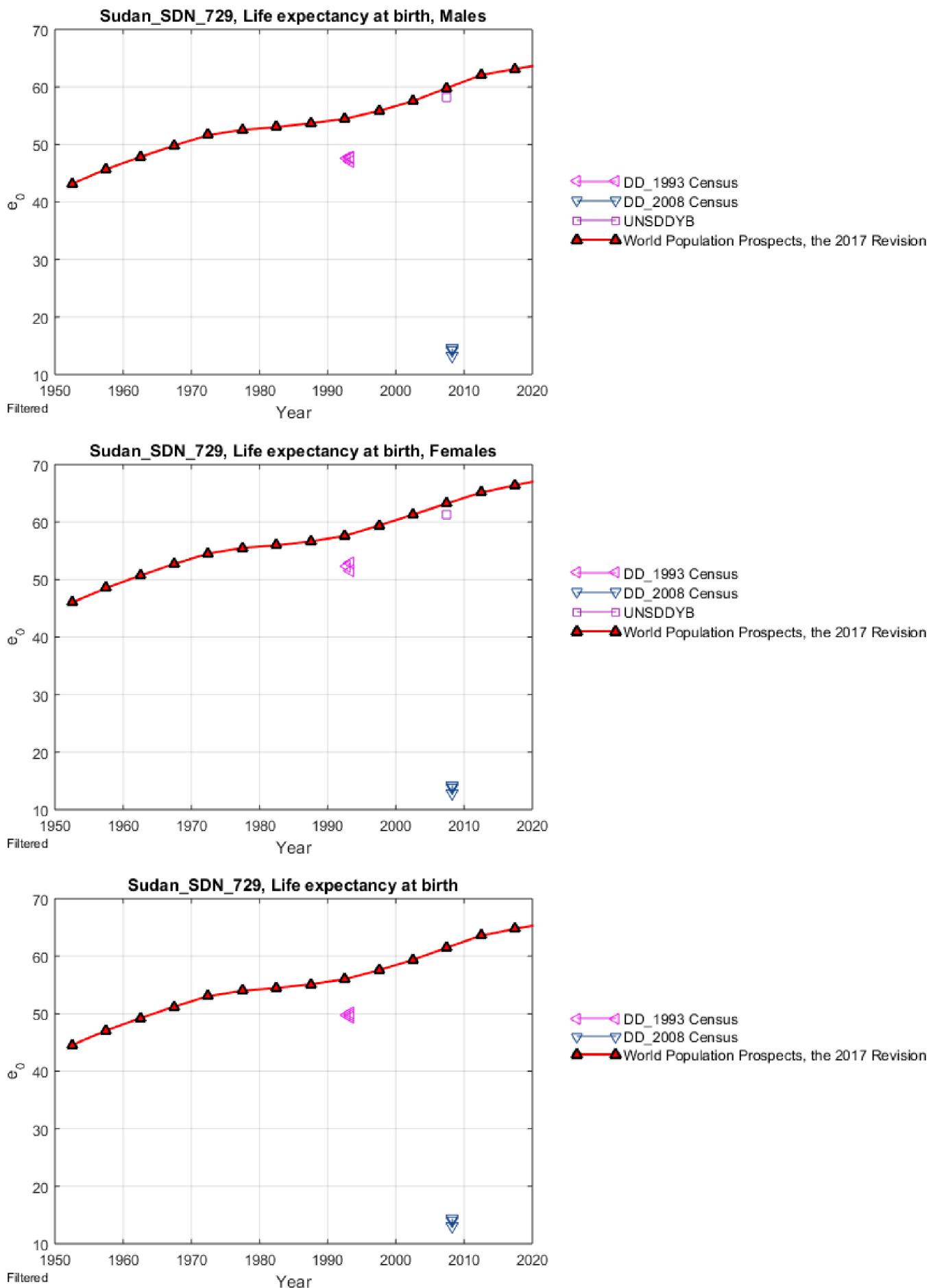


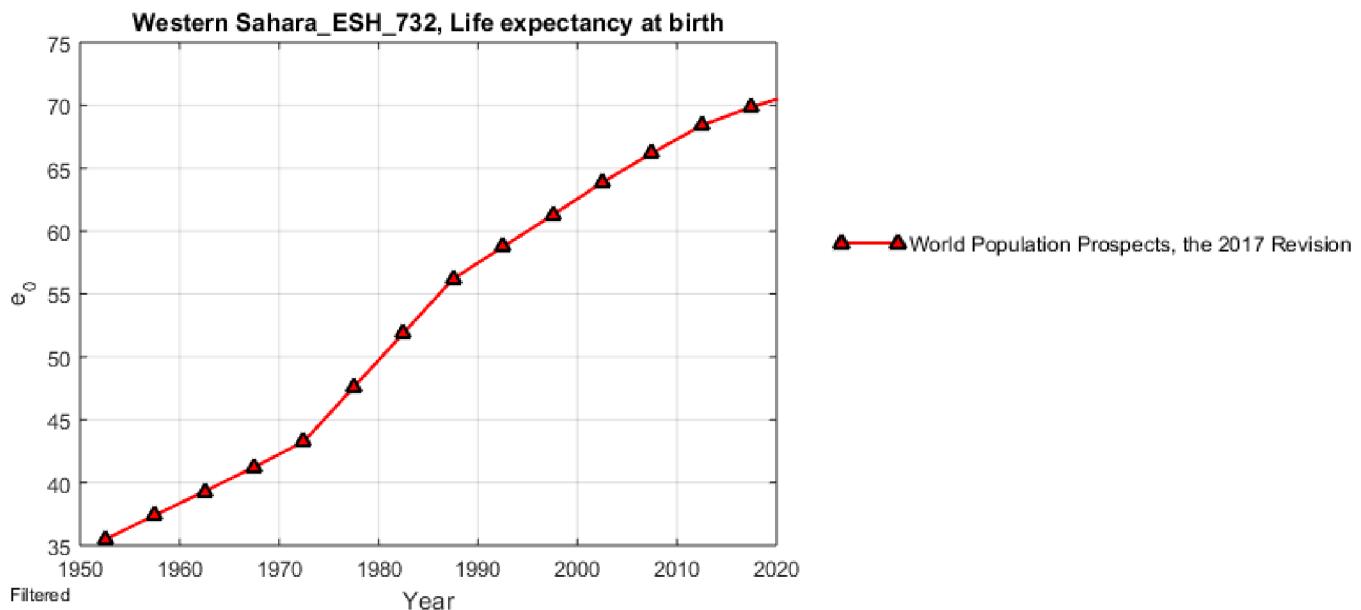
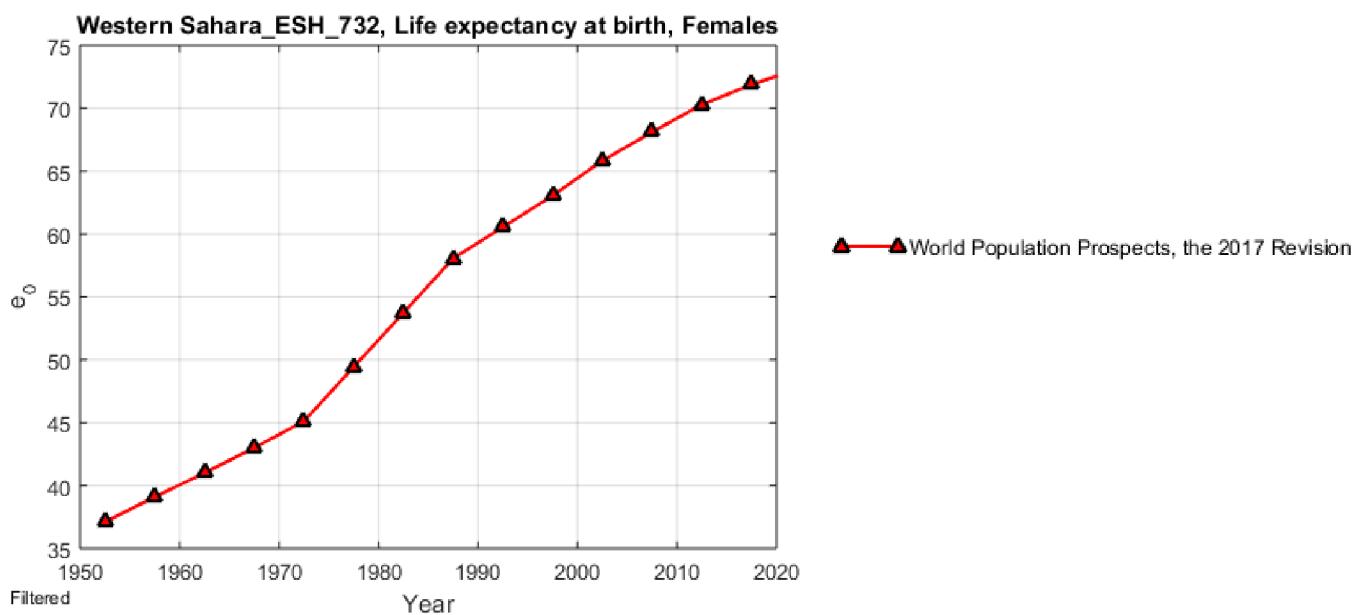
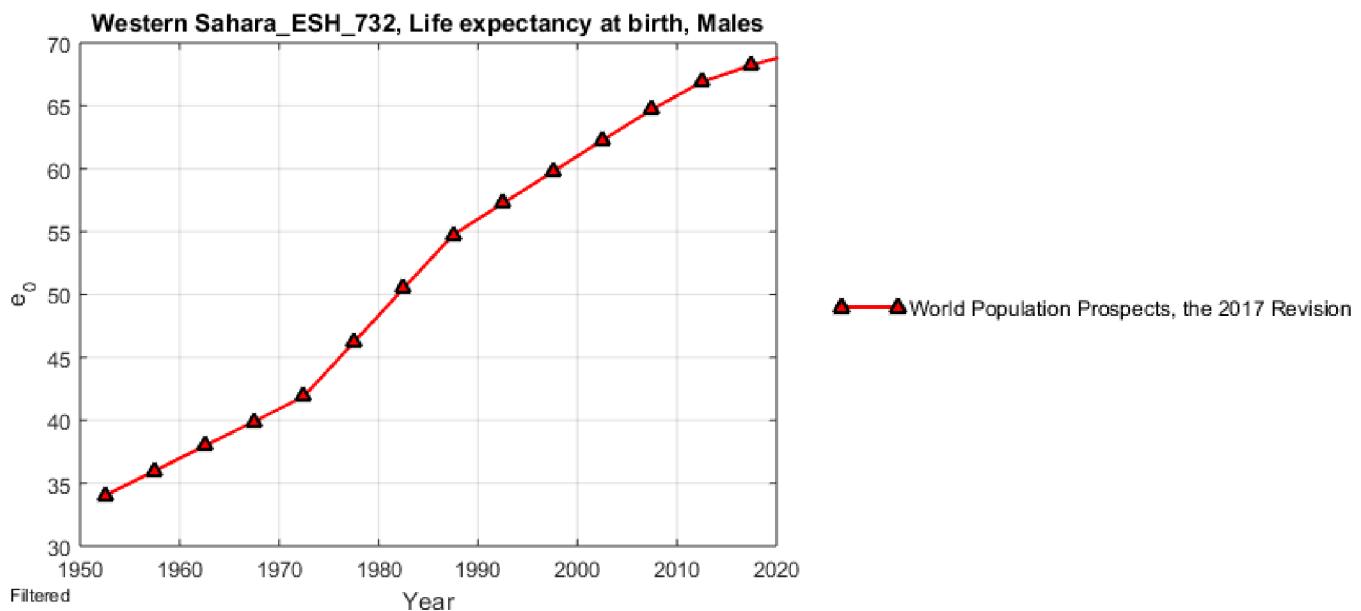




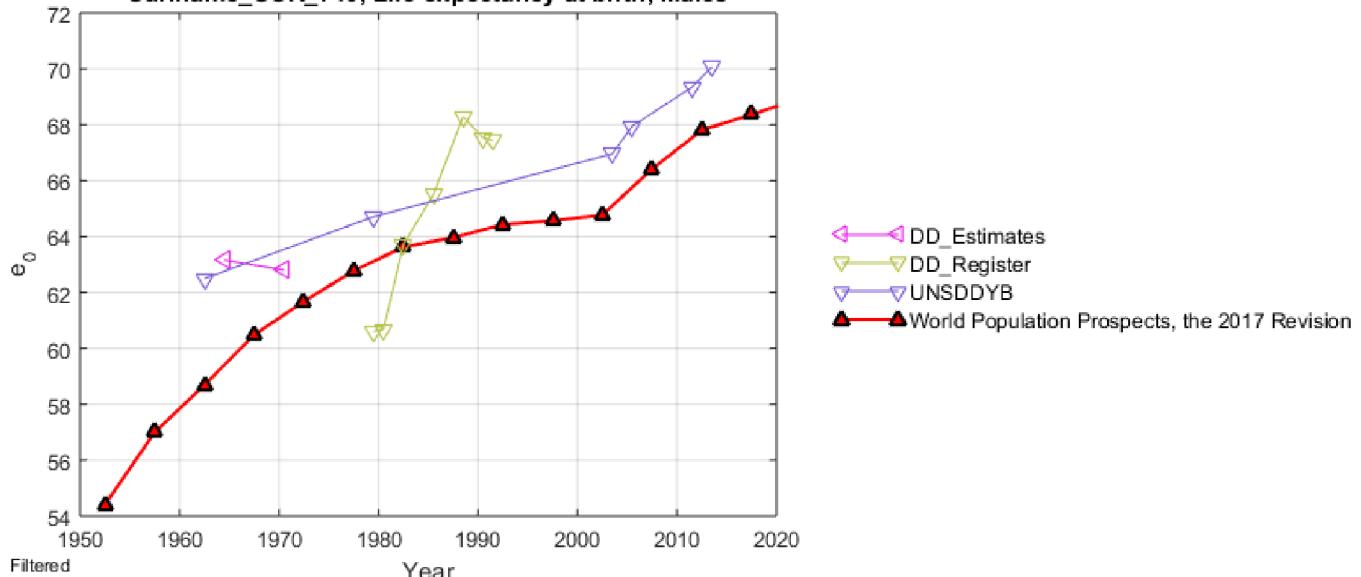




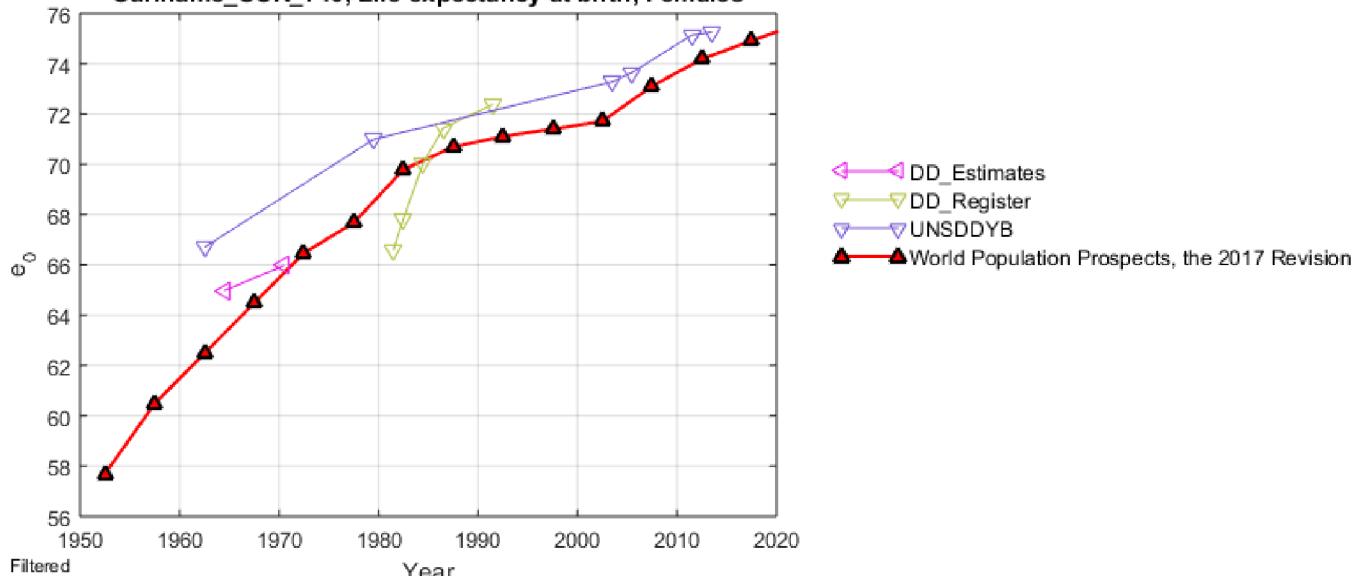




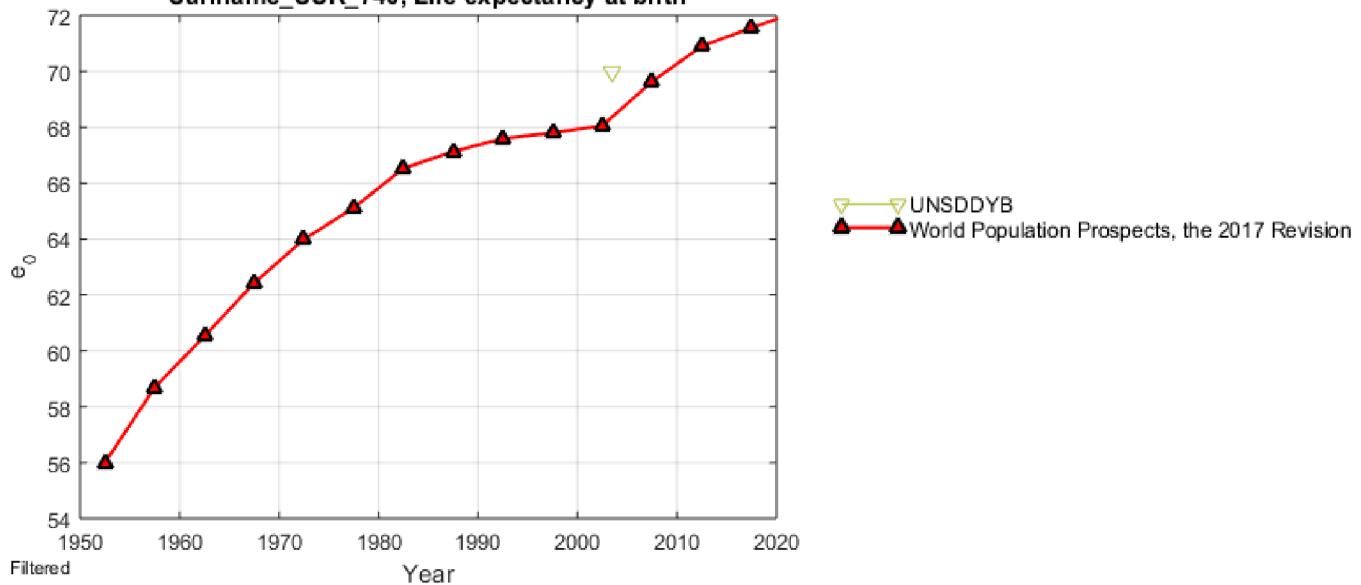
Suriname_SUR_740, Life expectancy at birth, Males

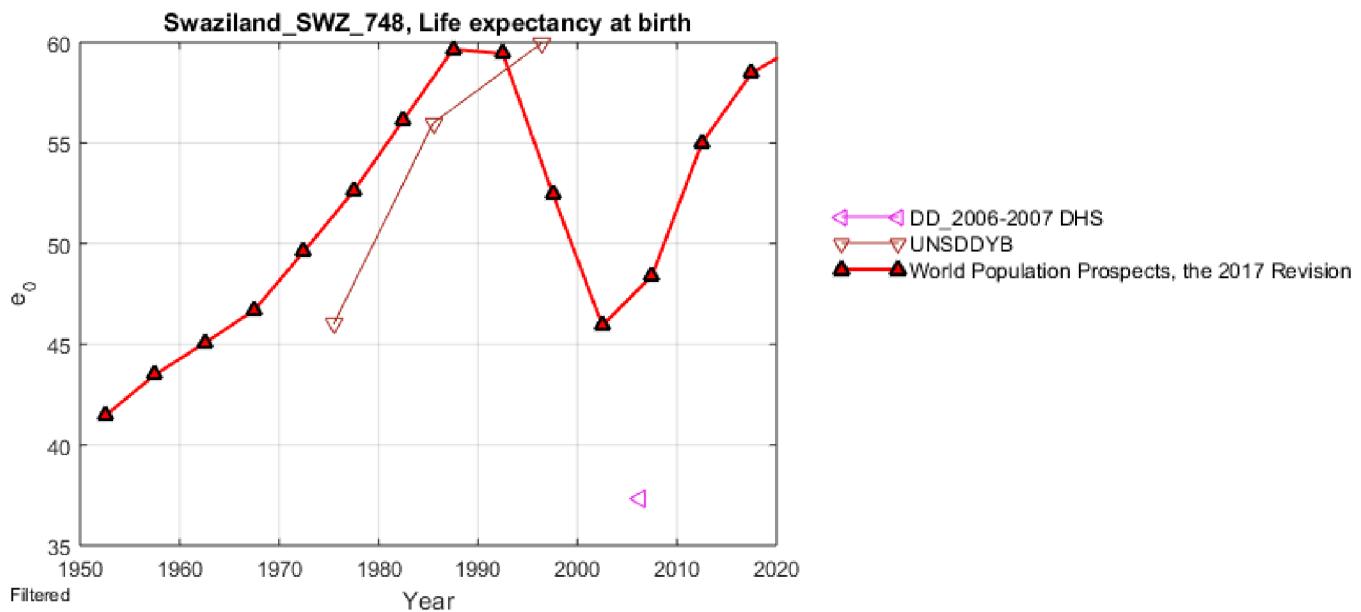
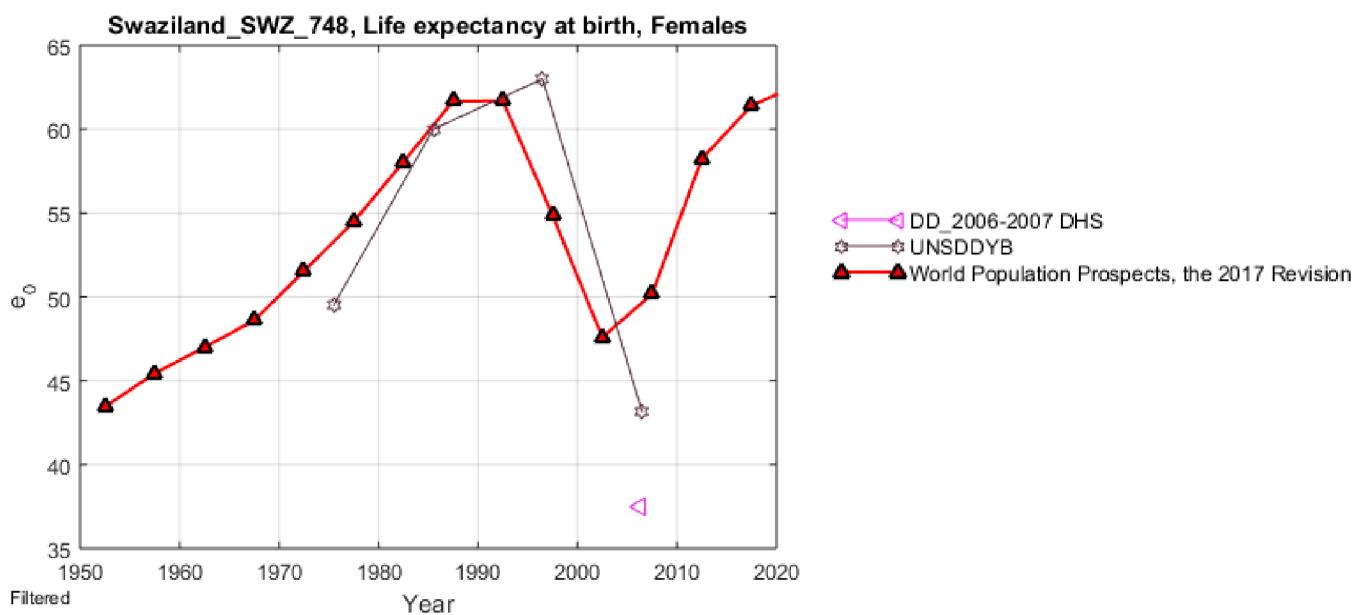


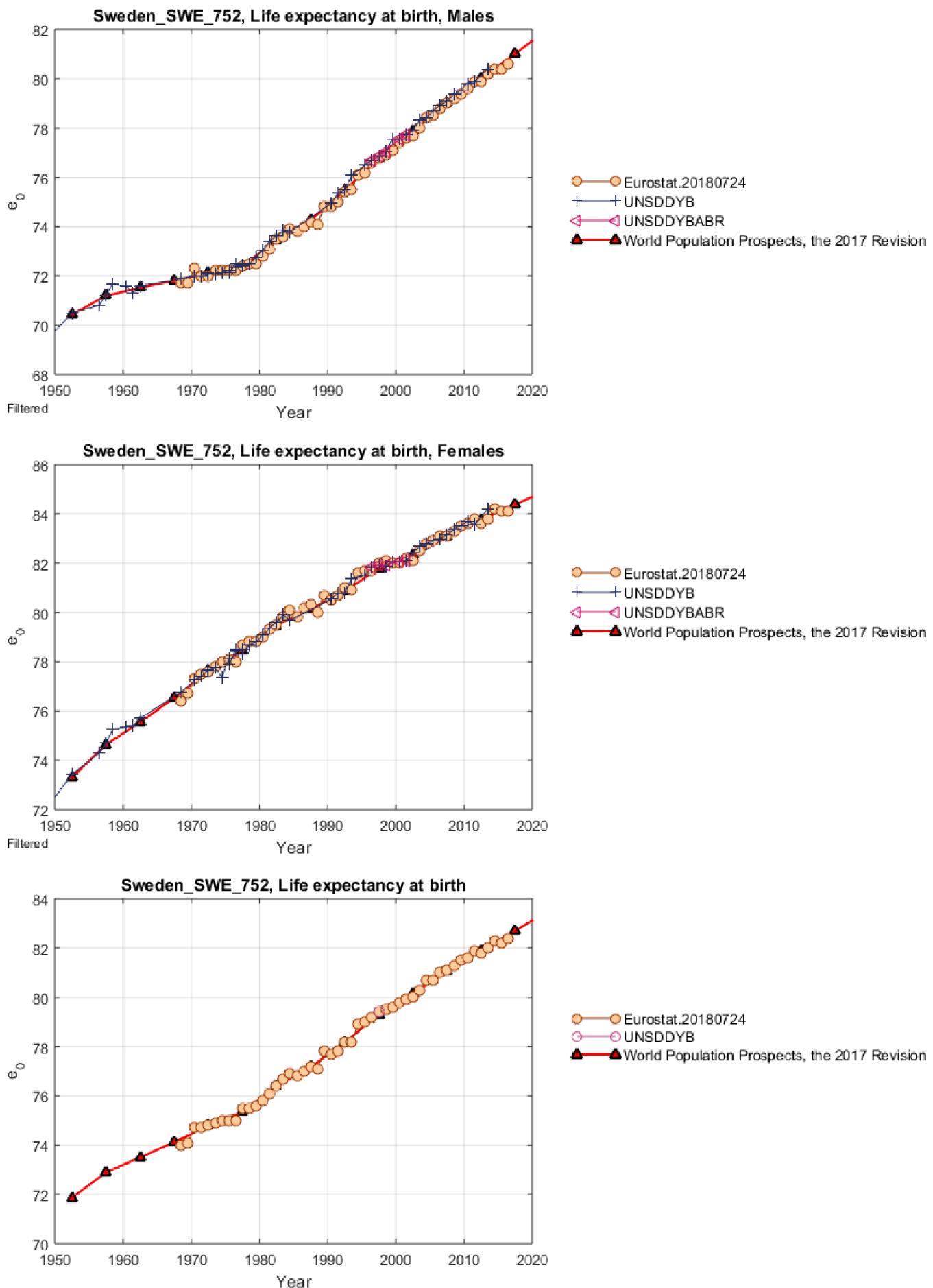
Suriname_SUR_740, Life expectancy at birth, Females

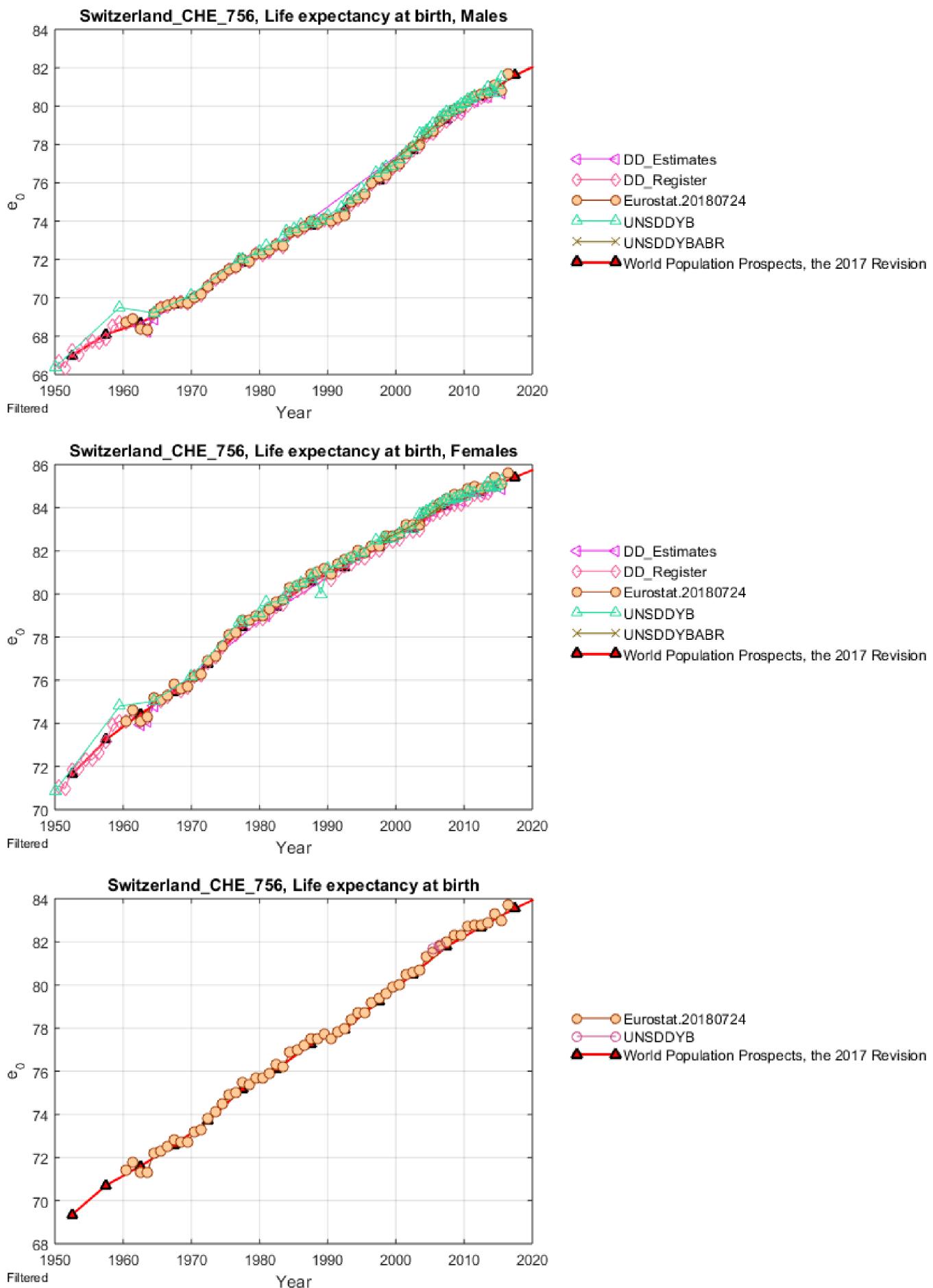


Suriname_SUR_740, Life expectancy at birth

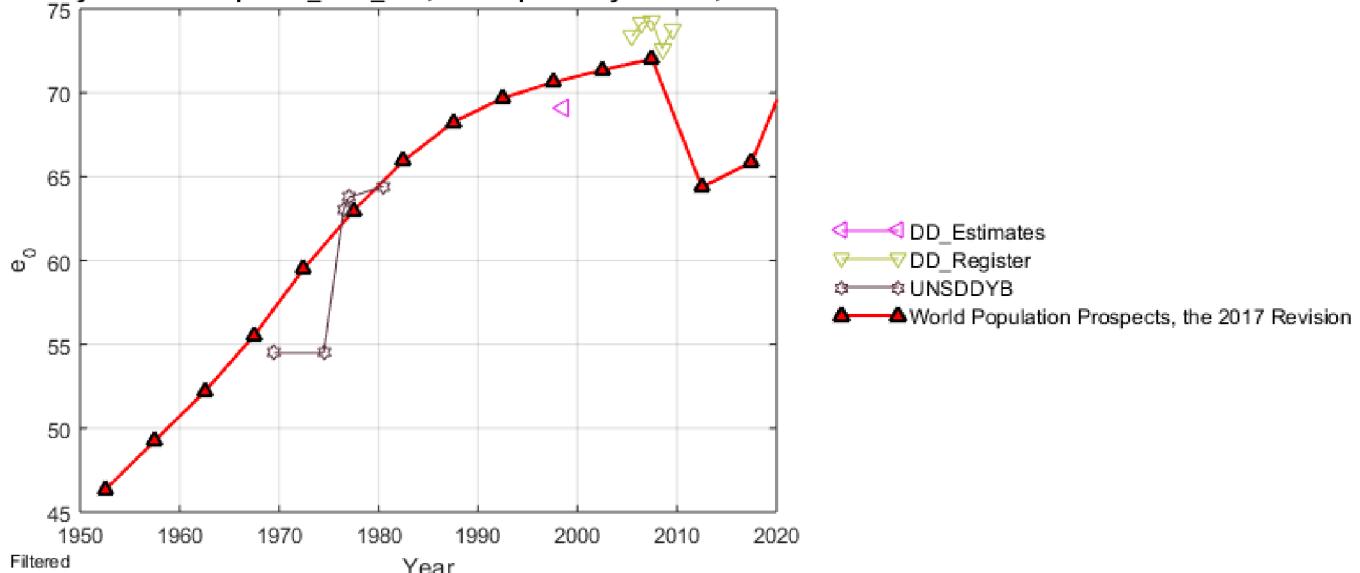




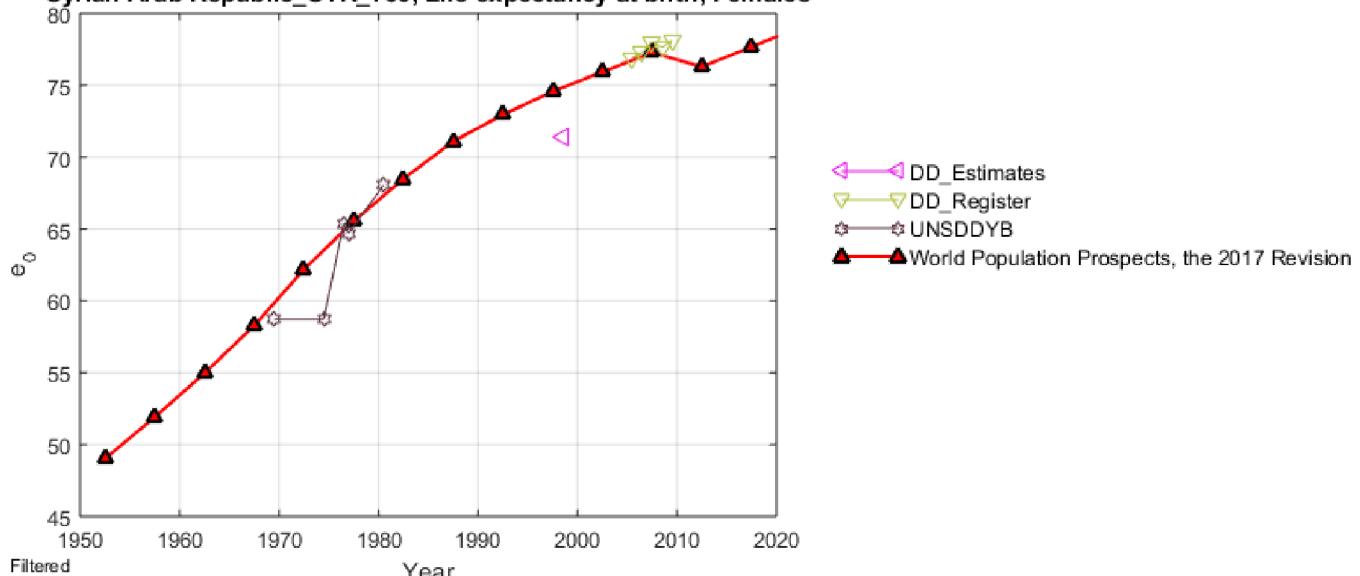




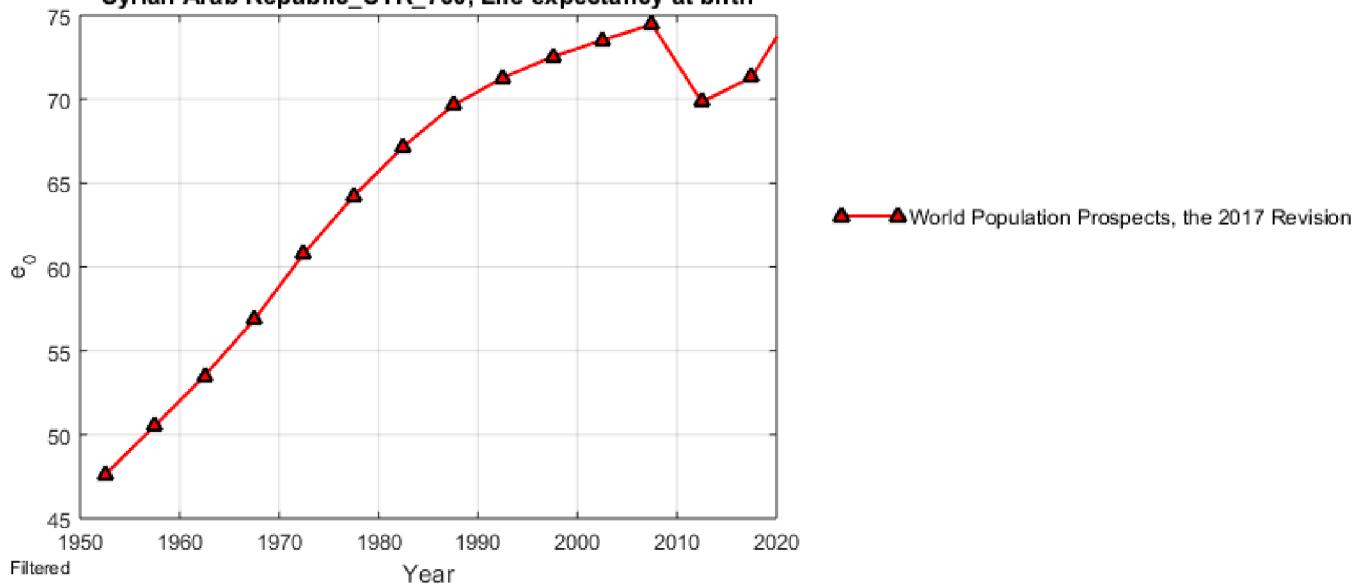
Syrian Arab Republic_SYR_760, Life expectancy at birth, Males



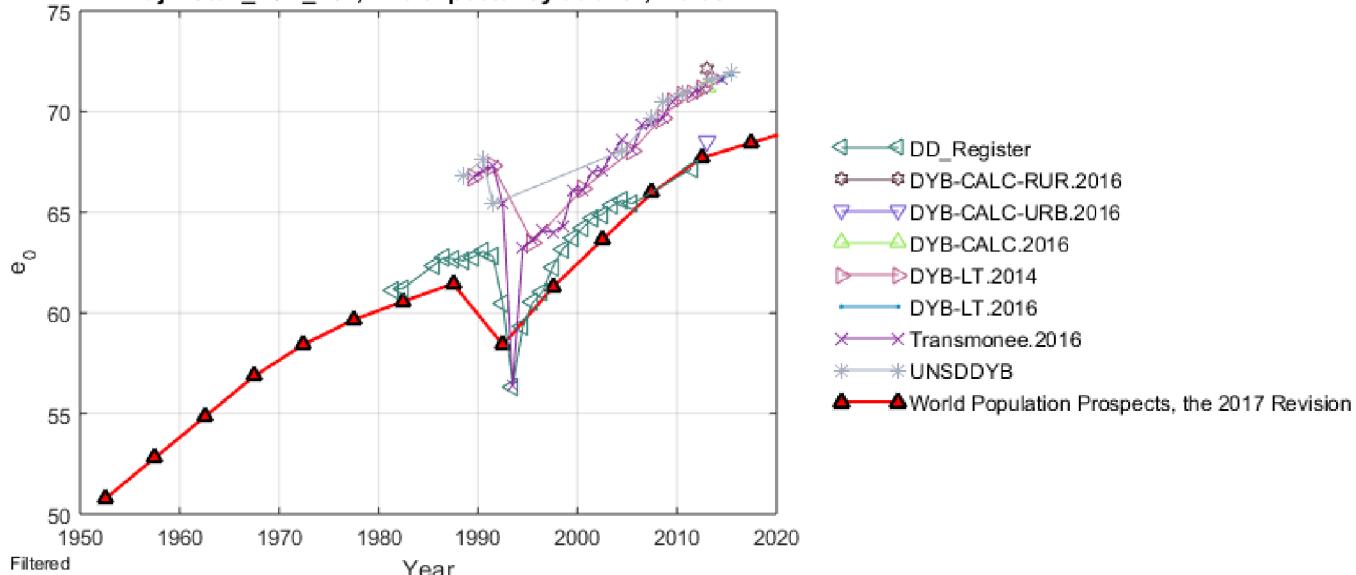
Syrian Arab Republic_SYR_760, Life expectancy at birth, Females



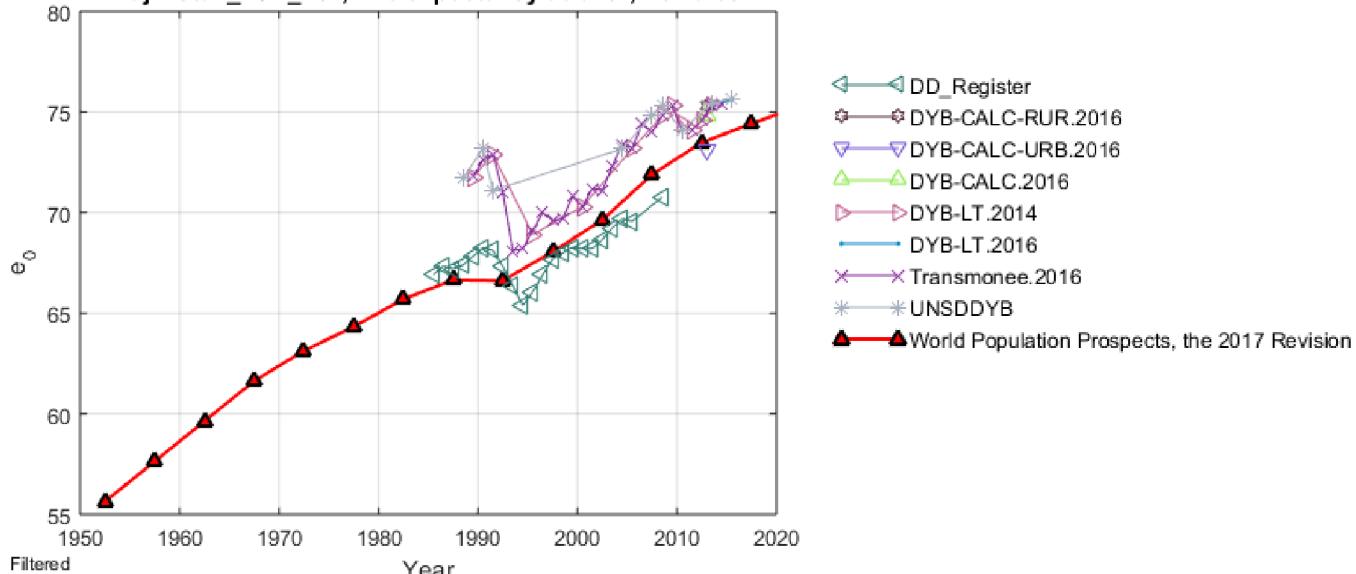
Syrian Arab Republic_SYR_760, Life expectancy at birth



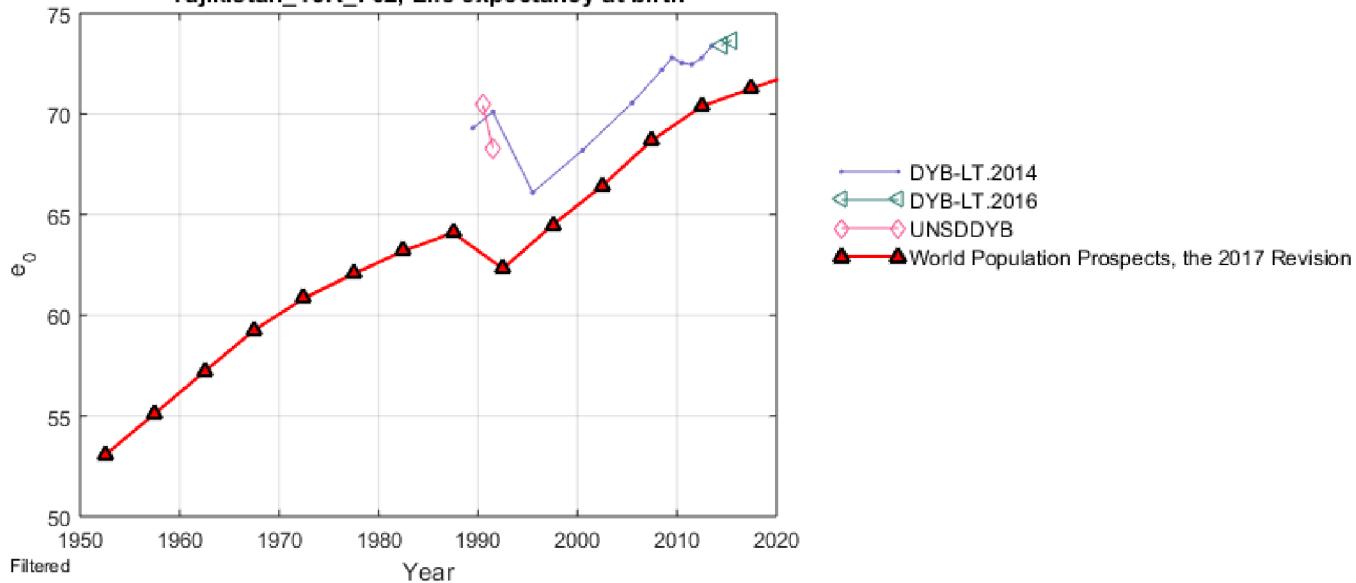
Tajikistan_TJK_762, Life expectancy at birth, Males



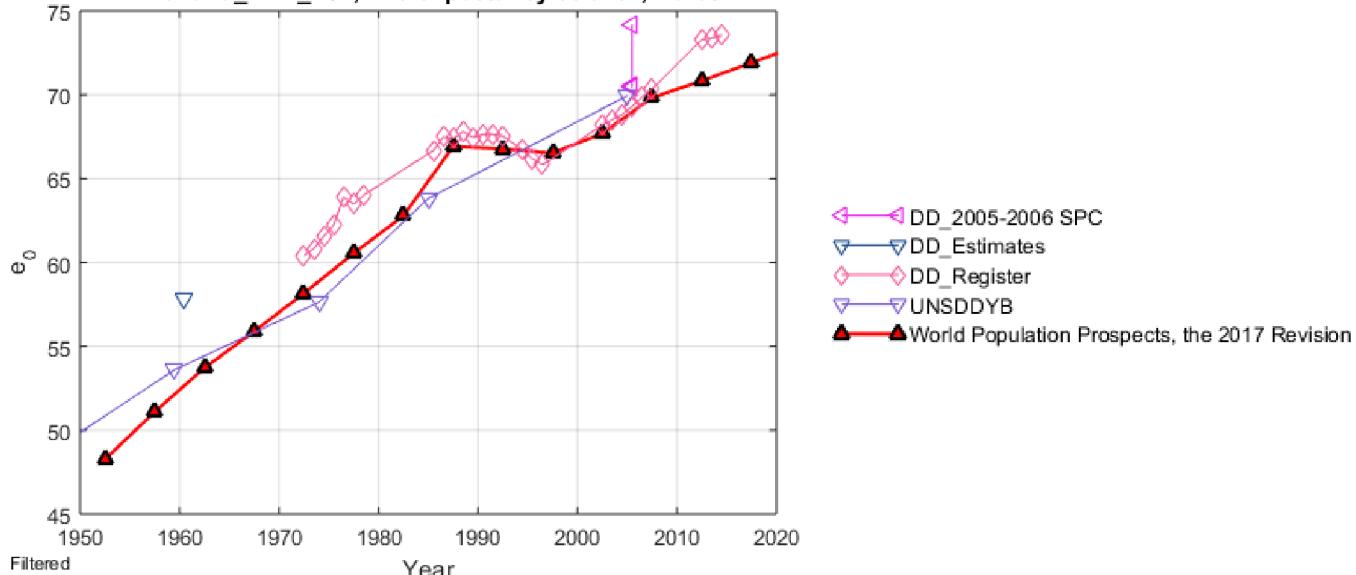
Tajikistan_TJK_762, Life expectancy at birth, Females



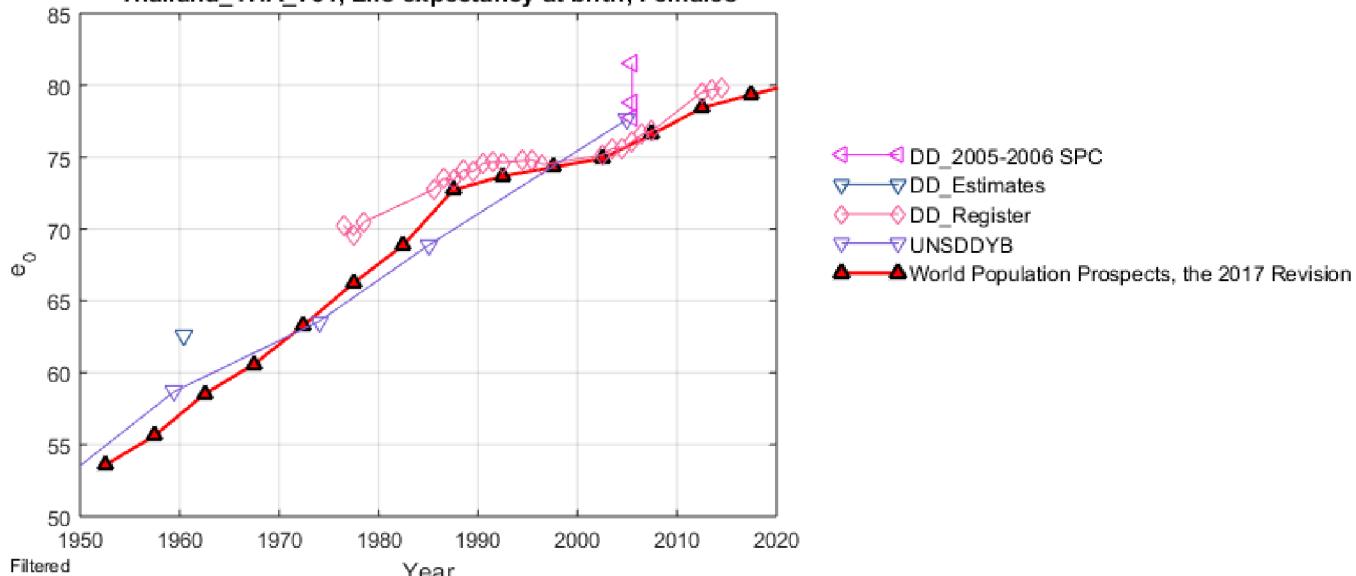
Tajikistan_TJK_762, Life expectancy at birth



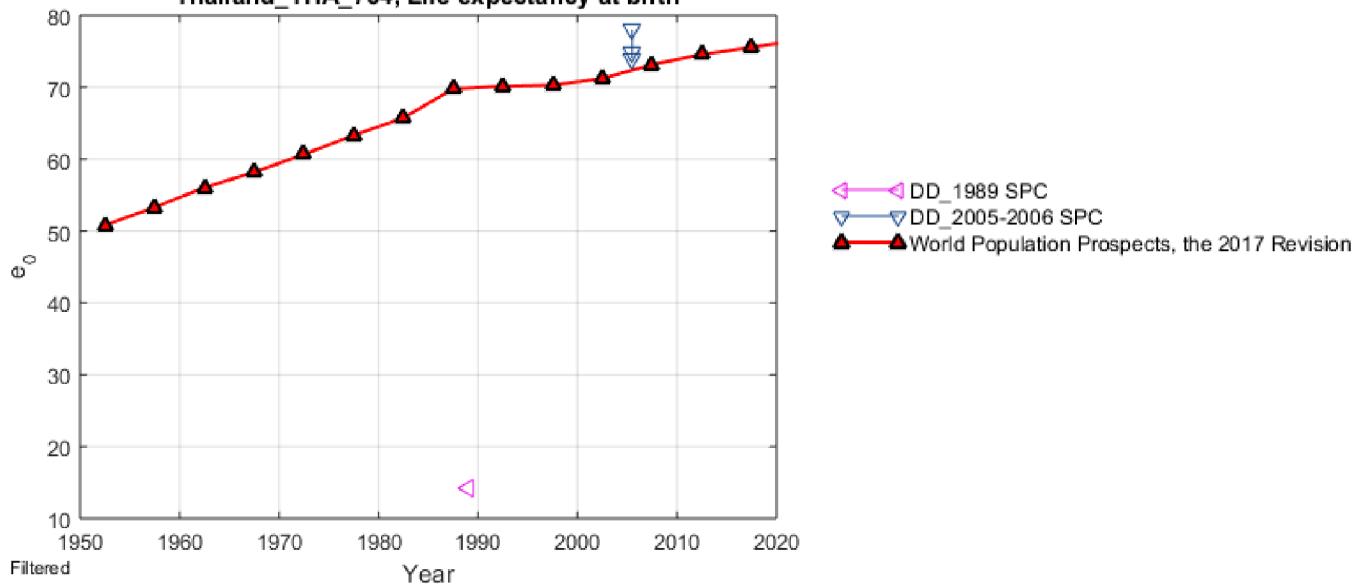
Thailand_THA_764, Life expectancy at birth, Males



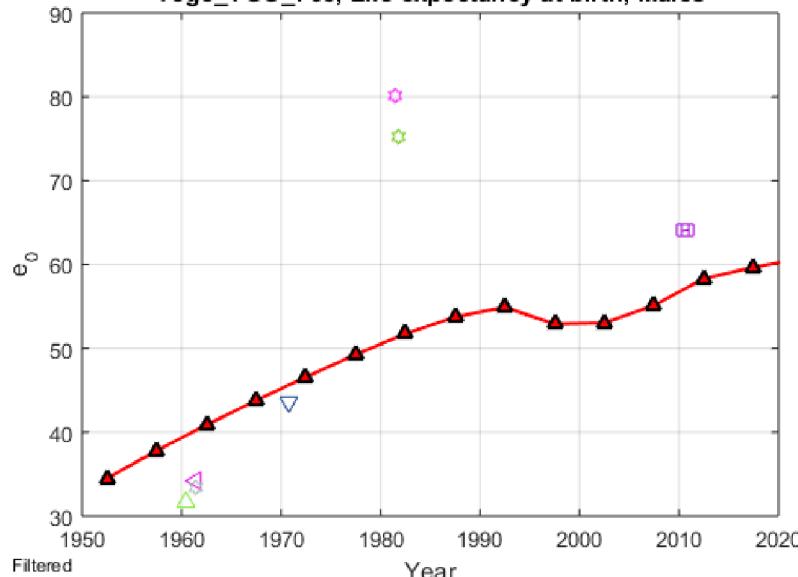
Thailand_THA_764, Life expectancy at birth, Females



Thailand_THA_764, Life expectancy at birth



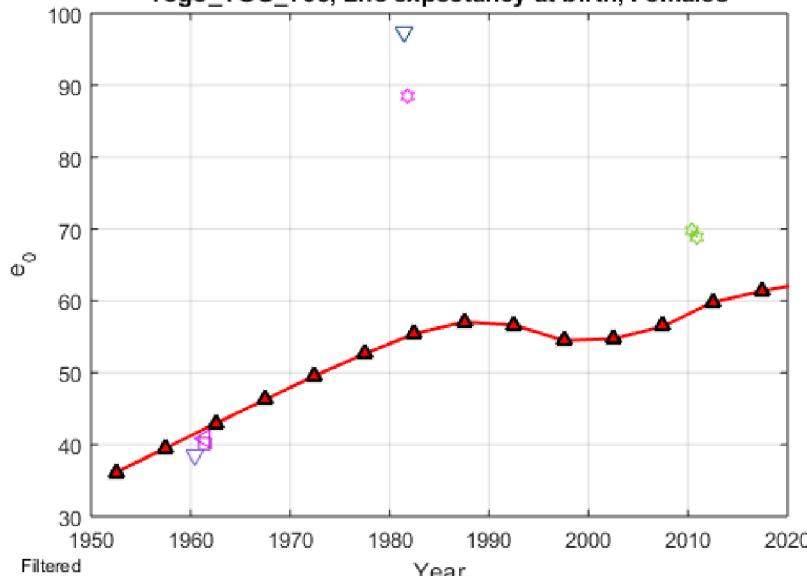
Togo_TGO_768, Life expectancy at birth, Males



Legend:

- DD_1961 ED_ADOGNON, Koffi and Kwasi XENSAI
- DD_1971 ED_ADOGNON, Koffi and Kwasi XENSAI
- DD_1981 Census
- DD_1981 Census_ADOGNON, Koffi and Kwasi XEI
- DD_2010 Census
- DD_Estimates
- UNSDDYB
- World Population Prospects, the 2017 Revision

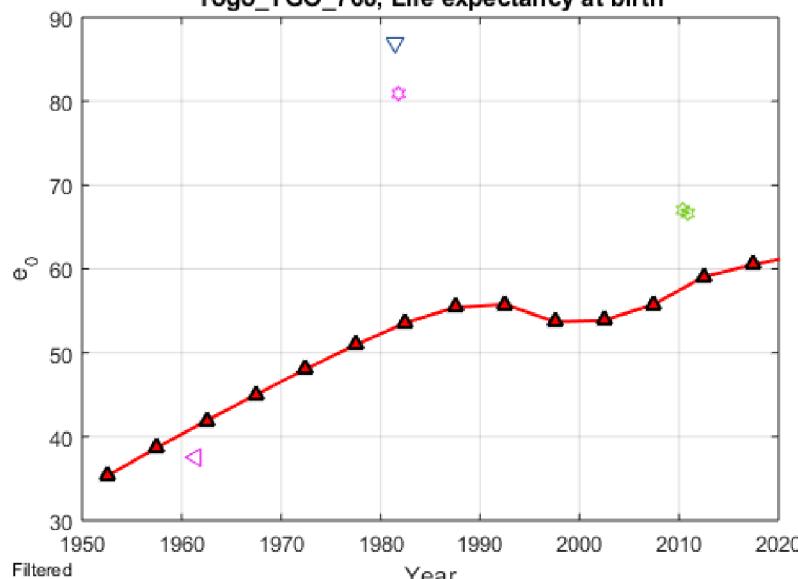
Togo_TGO_768, Life expectancy at birth, Females



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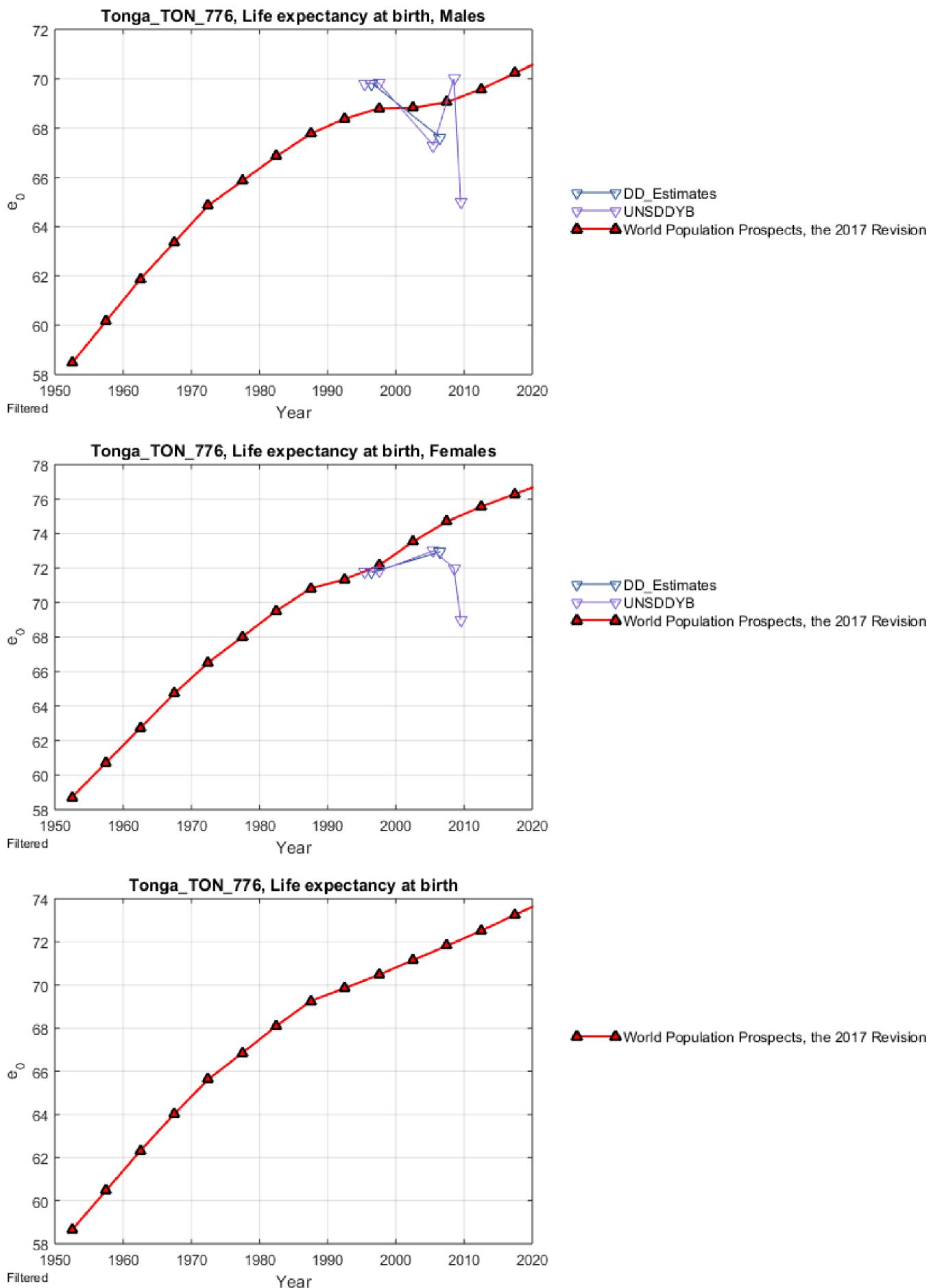
- DD_1961 ED_ADOGNON, Koffi and Kwasi XENSAI
- DD_1971 ED_ADOGNON, Koffi and Kwasi XENSAI
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- DD_Estimates
- UNSDDYB
- World Population Prospects, the 2017 Revision

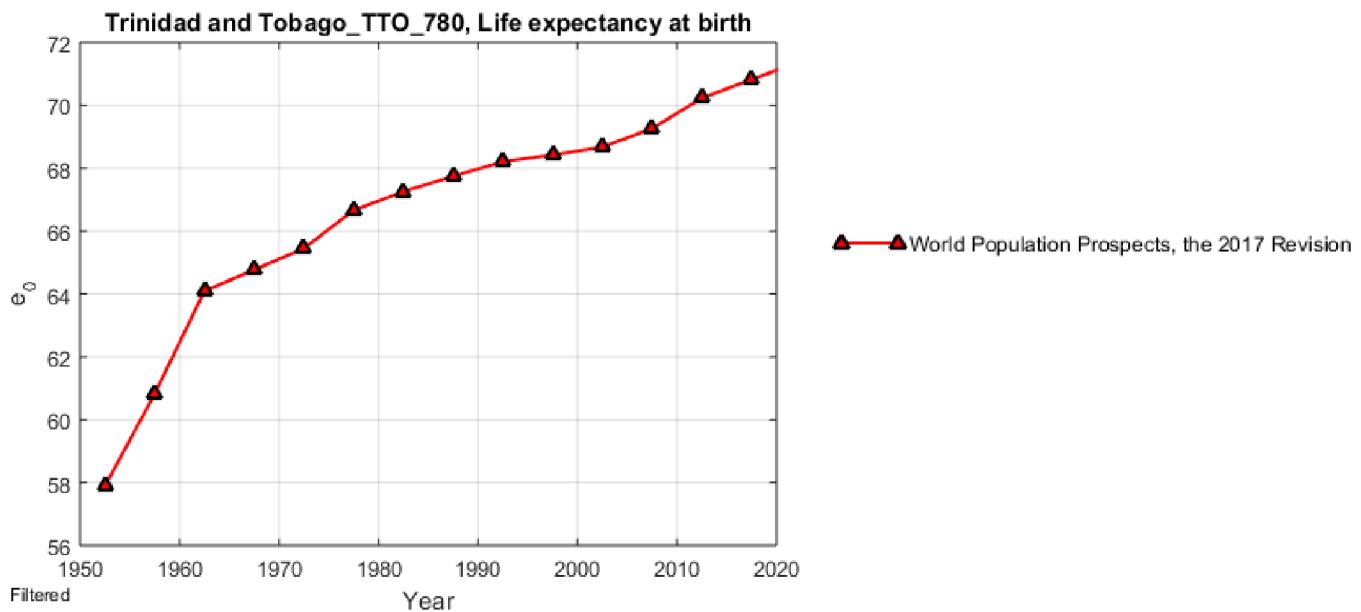
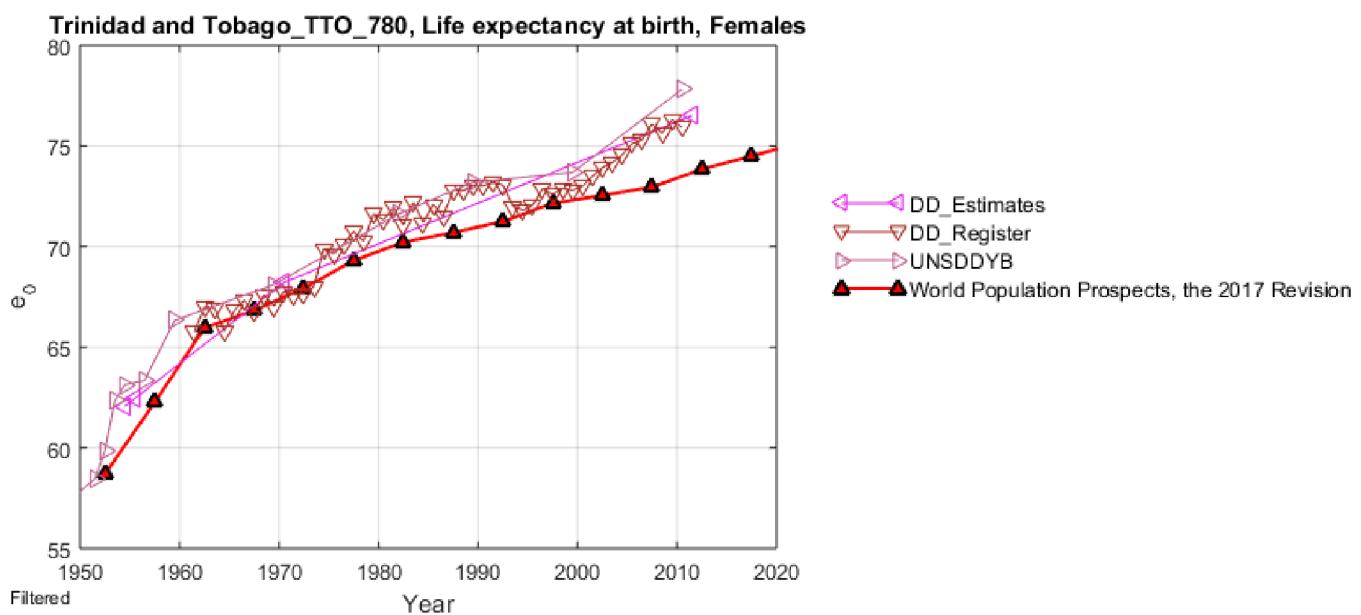
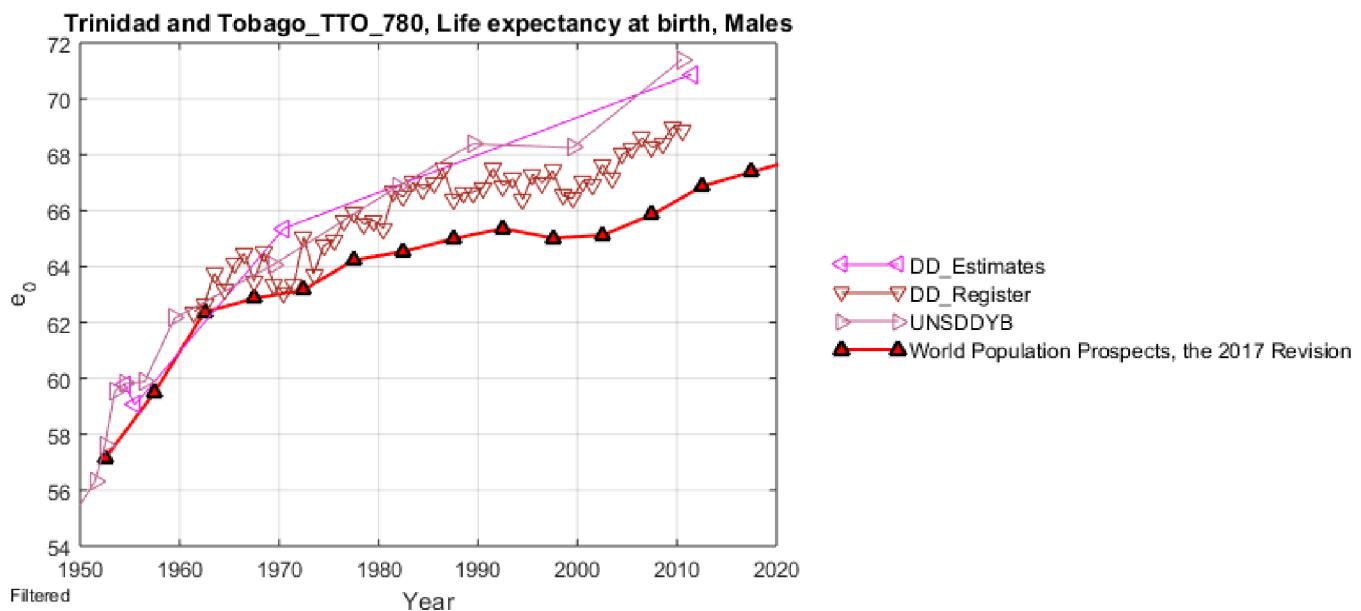
Togo_TGO_768, Life expectancy at birth

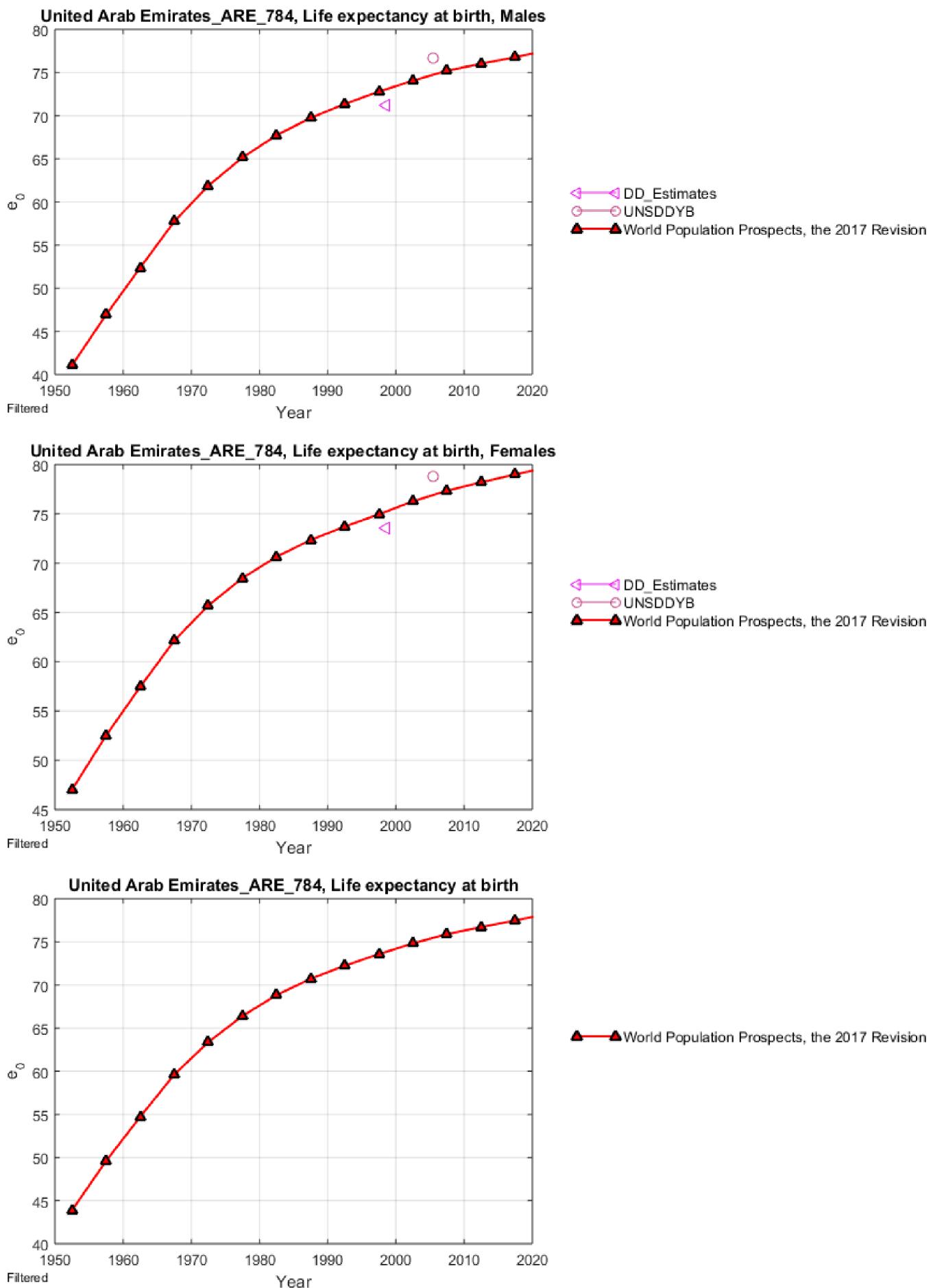


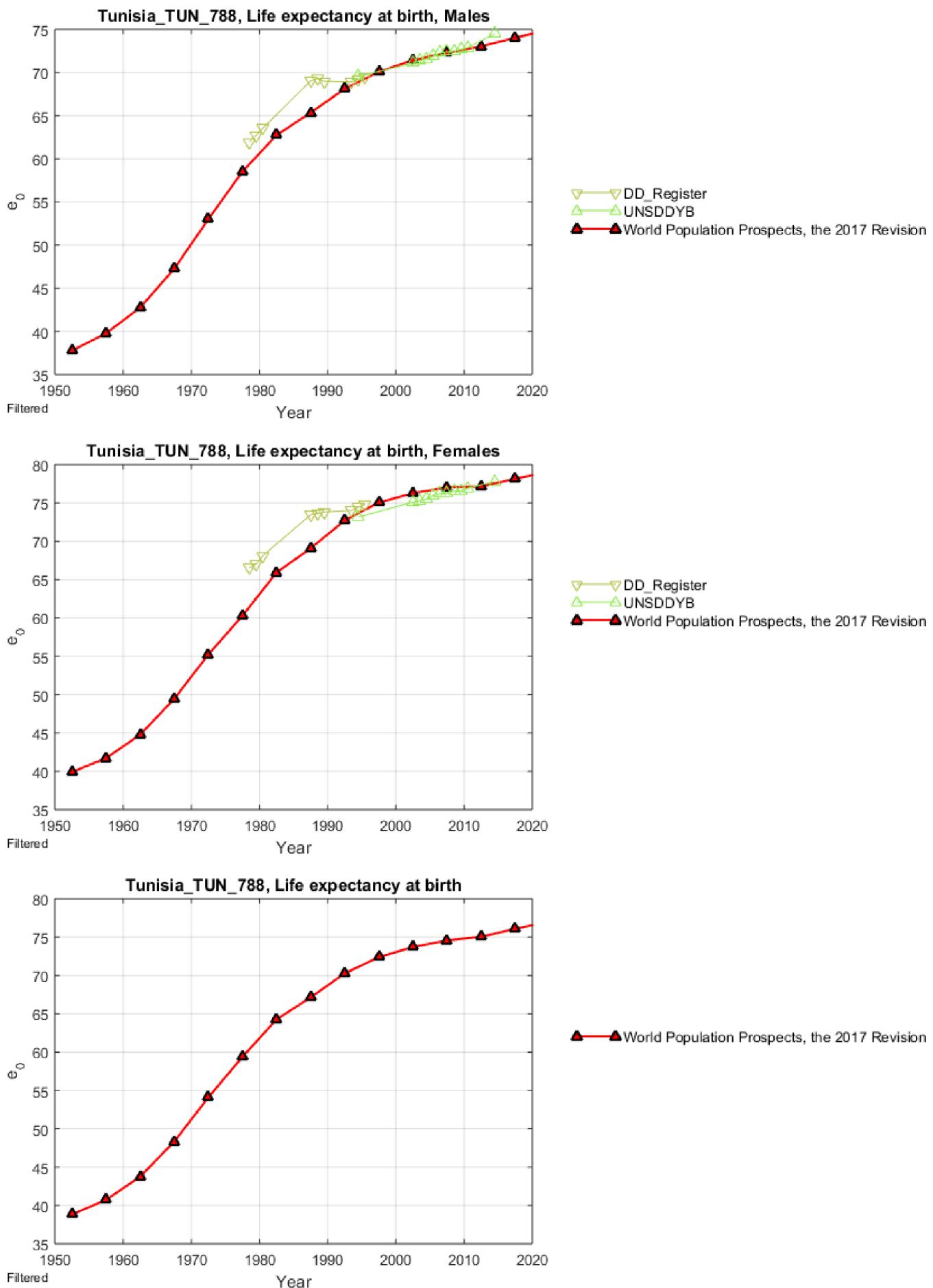
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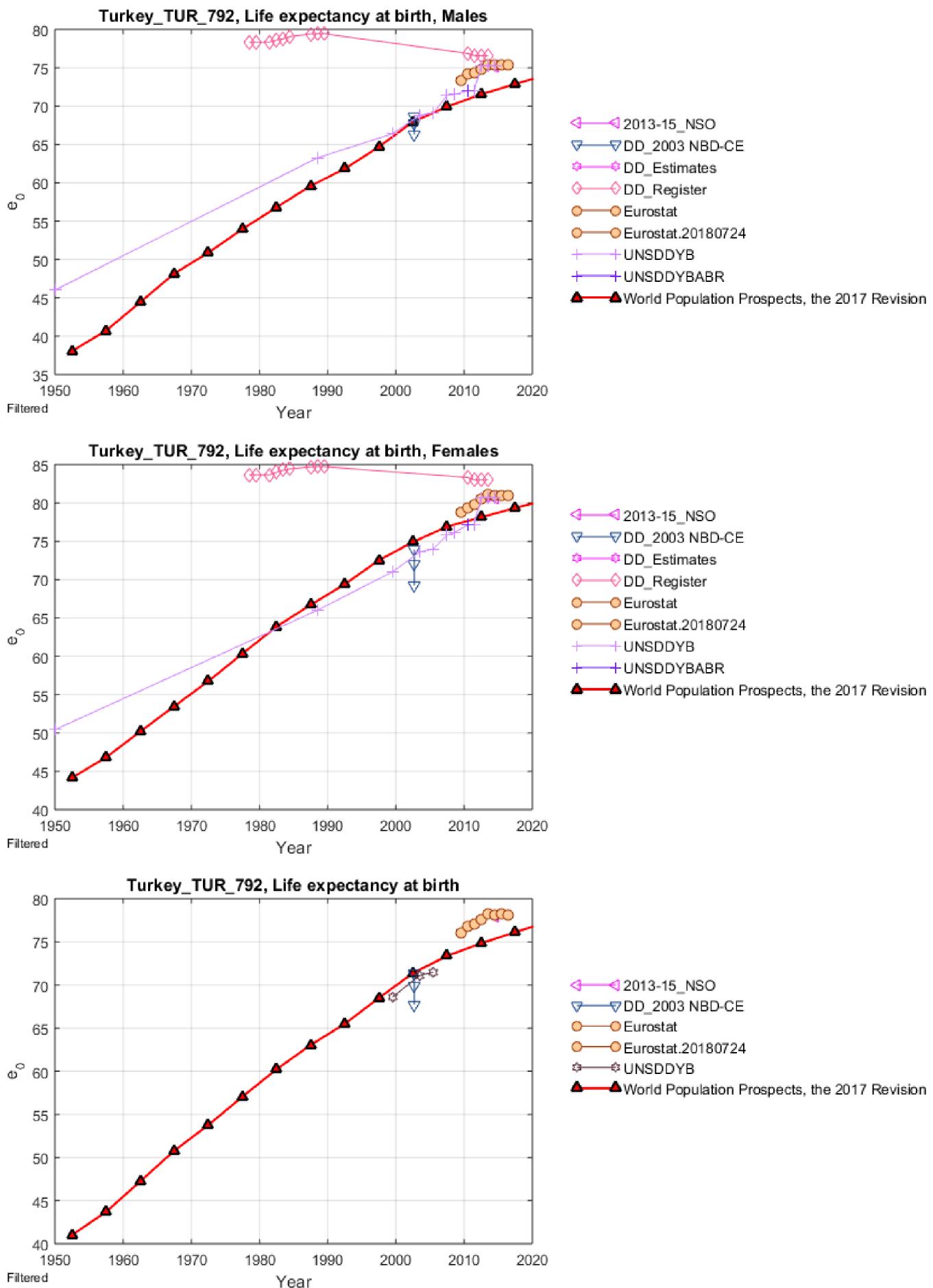
- DD_1961 ED_ADOGNON, Koffi and Kwasi XENSAI
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- UNSDDYB
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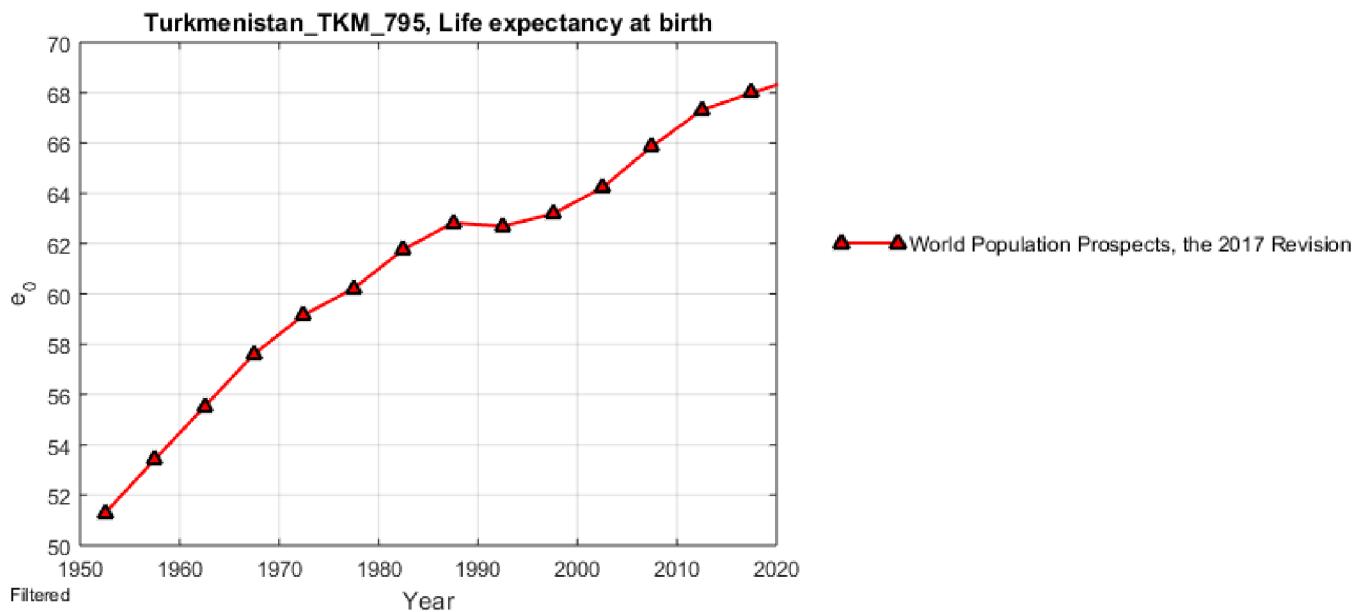
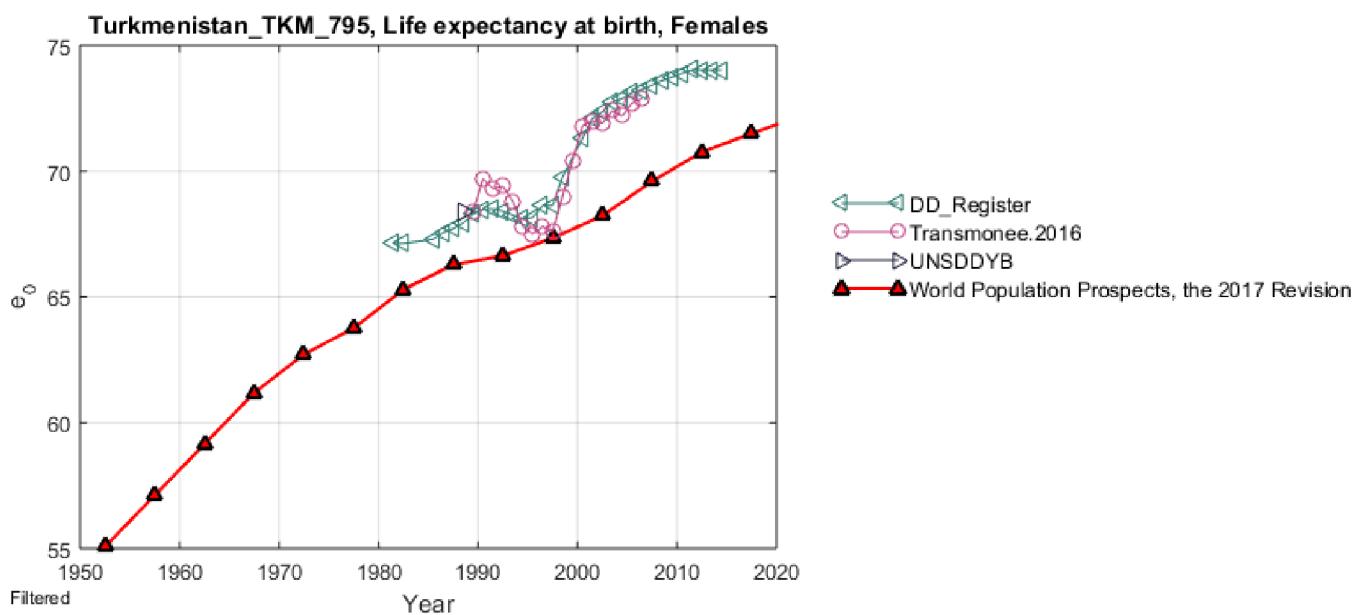
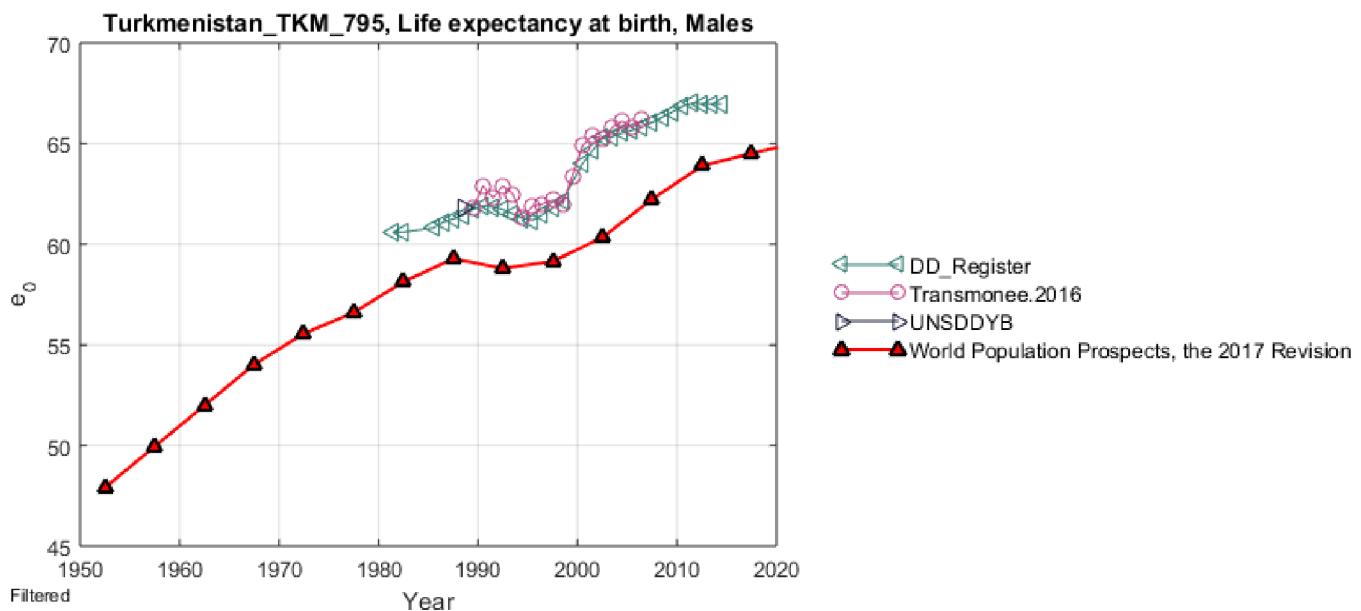




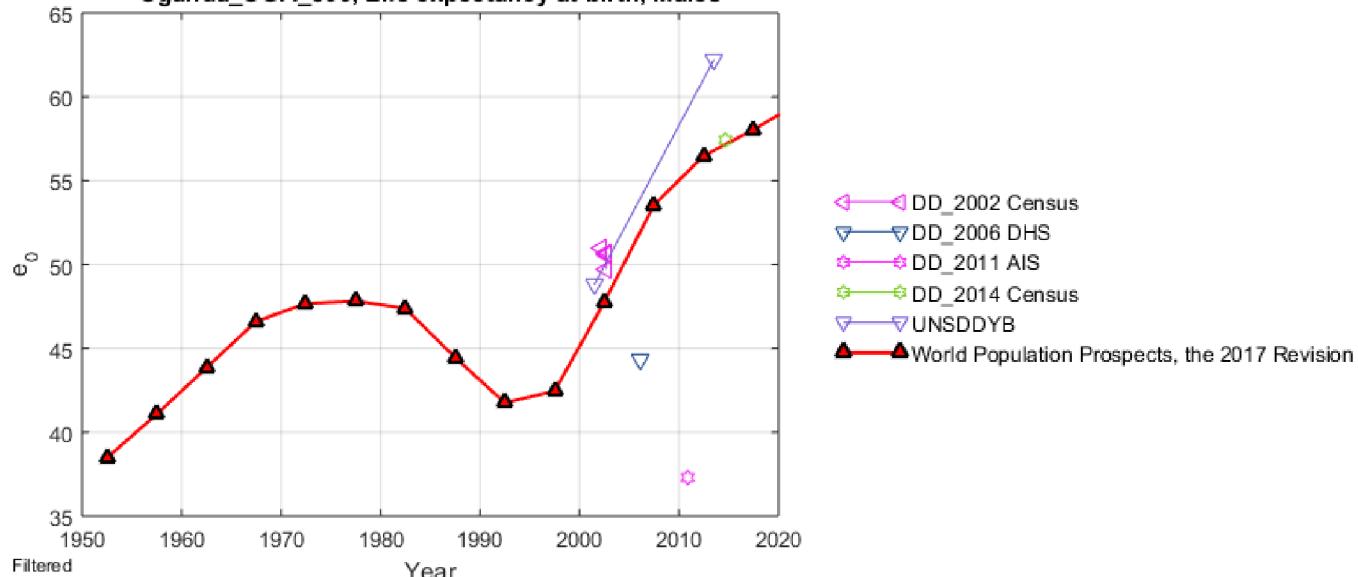




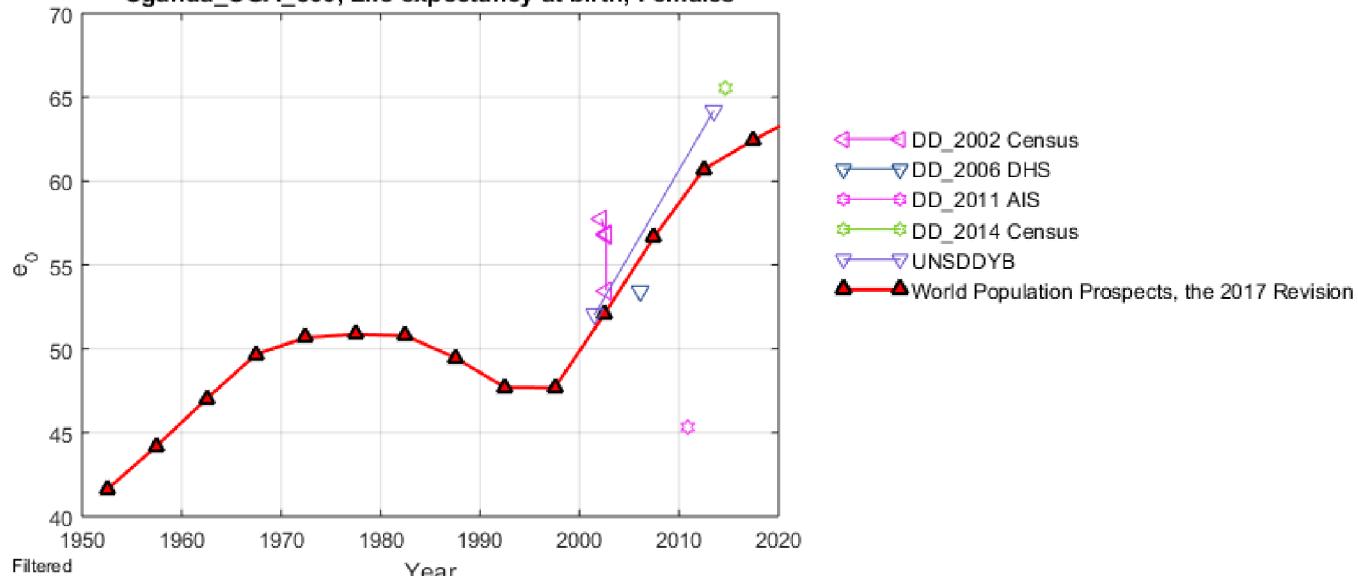




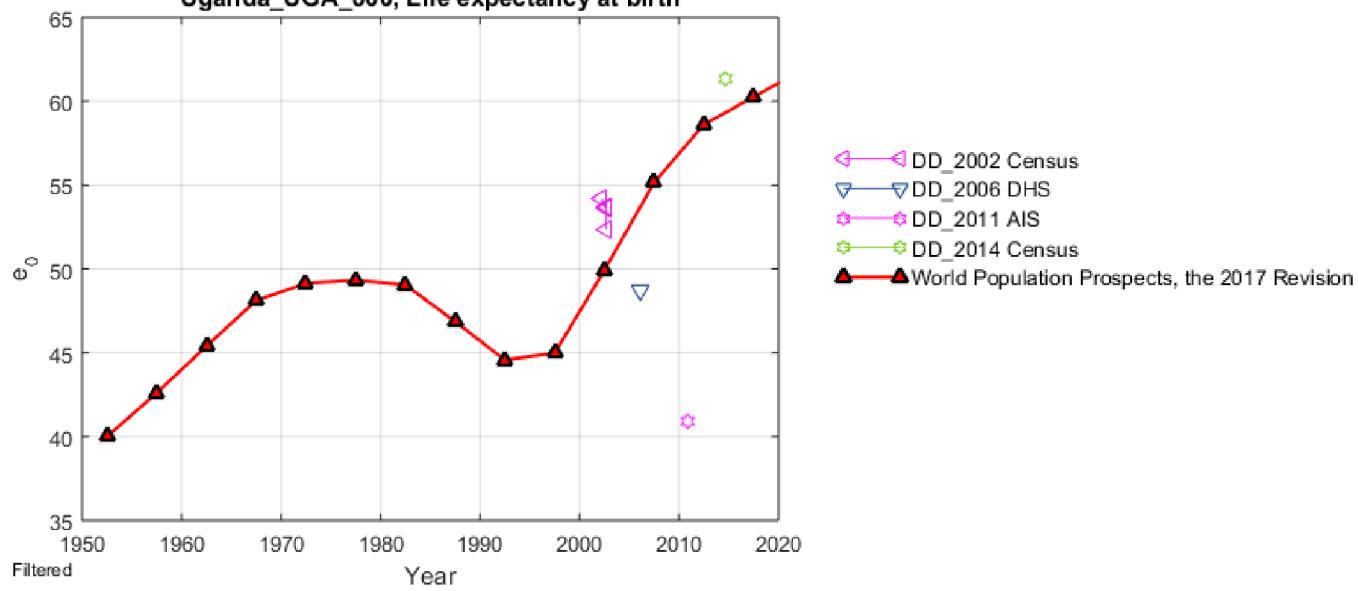
Uganda_UGA_800, Life expectancy at birth, Males

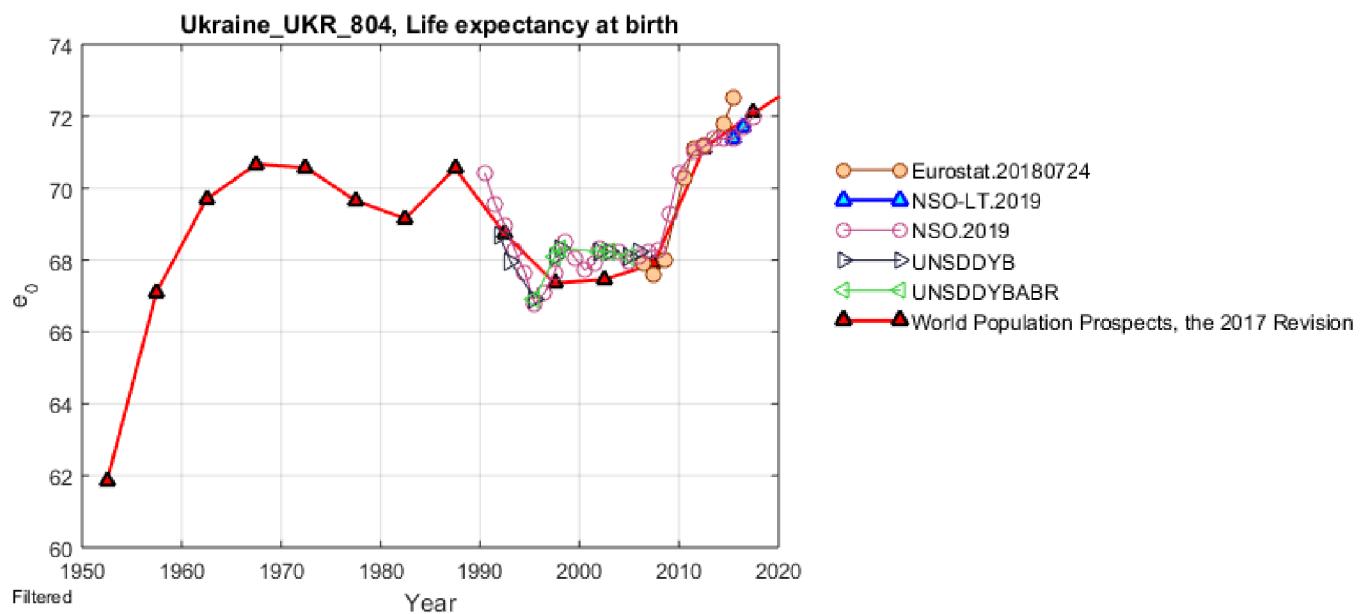
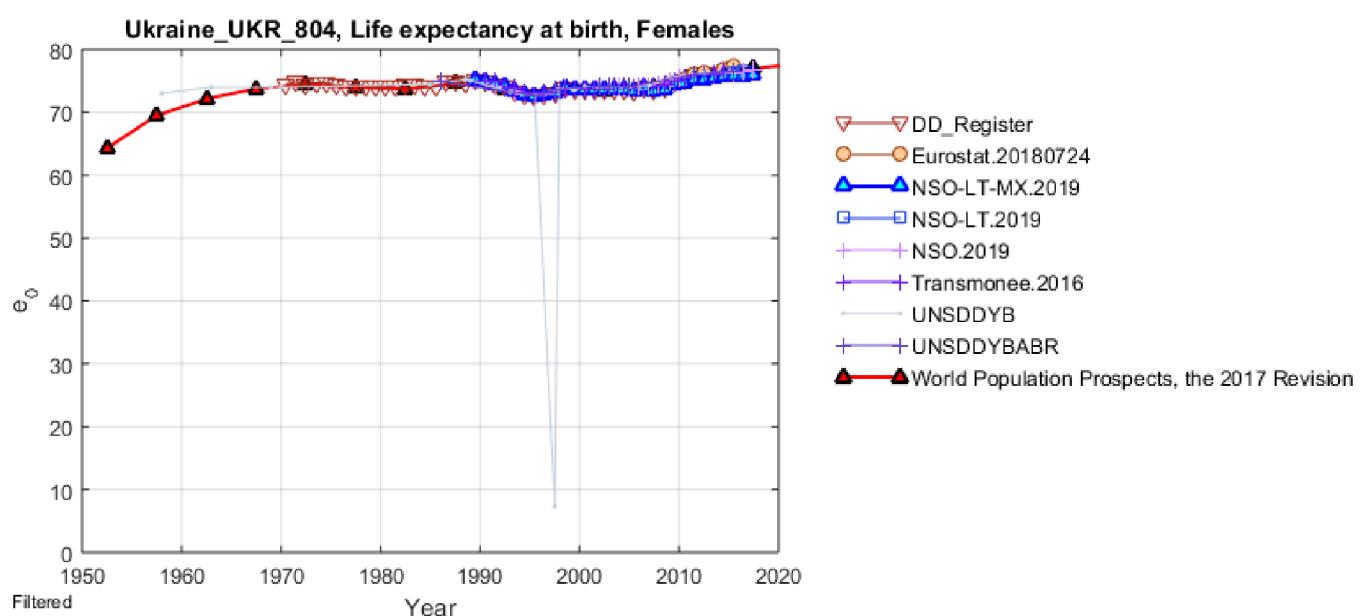
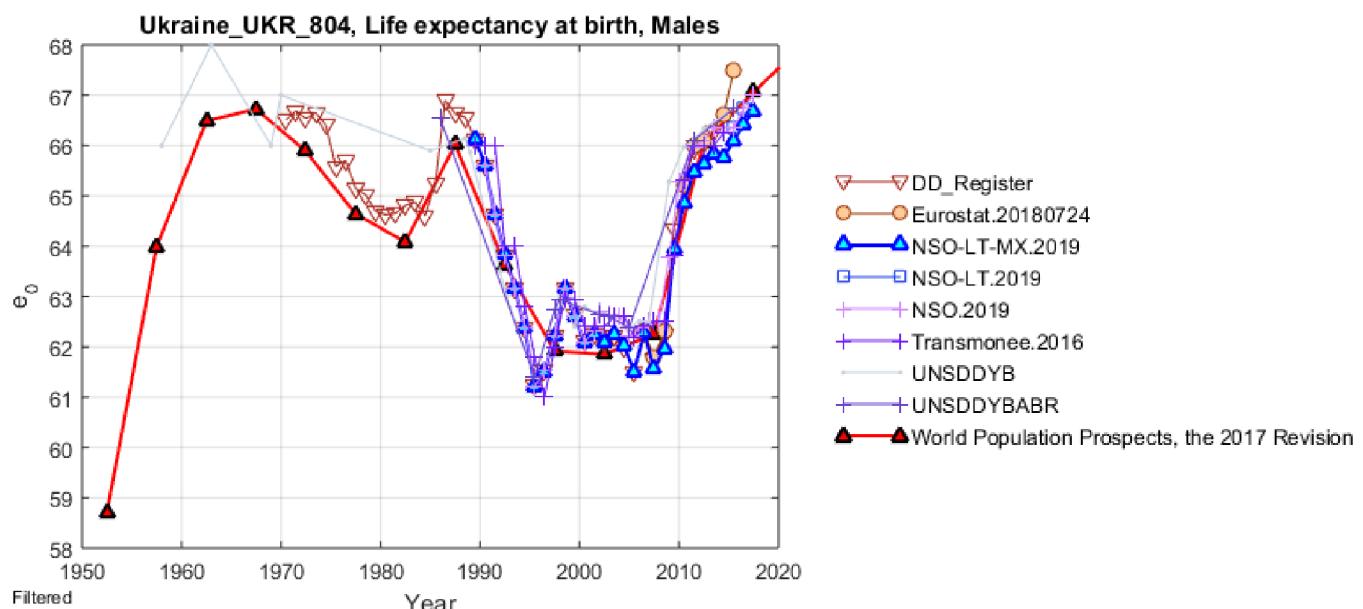


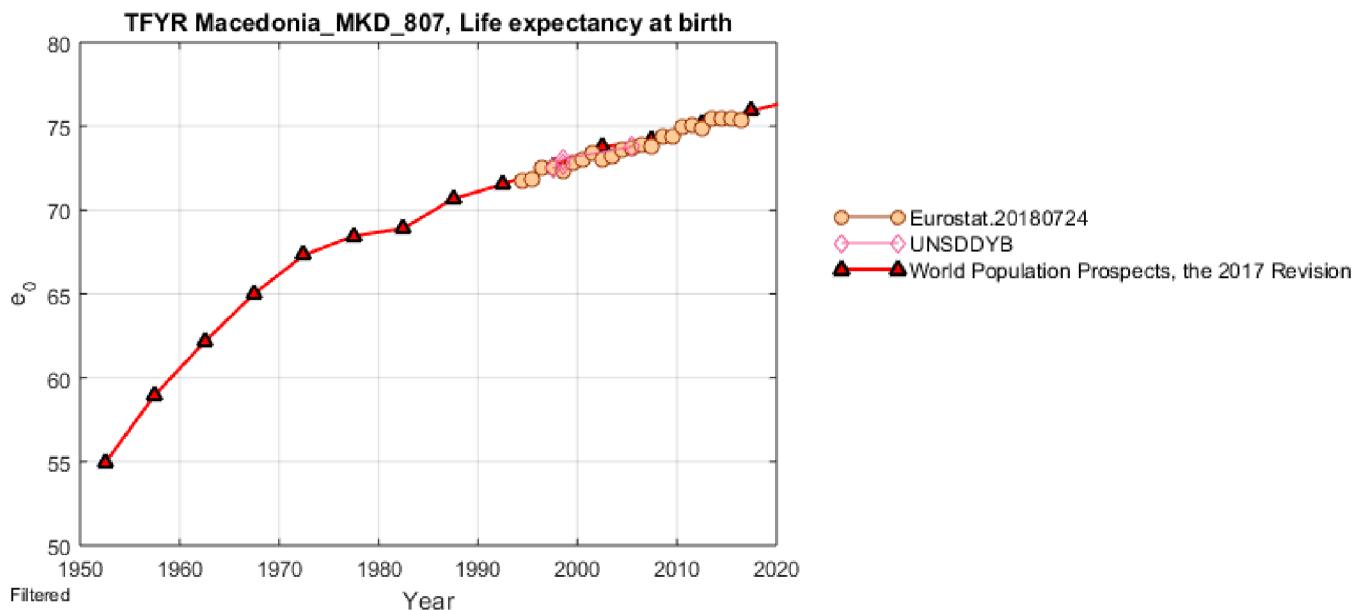
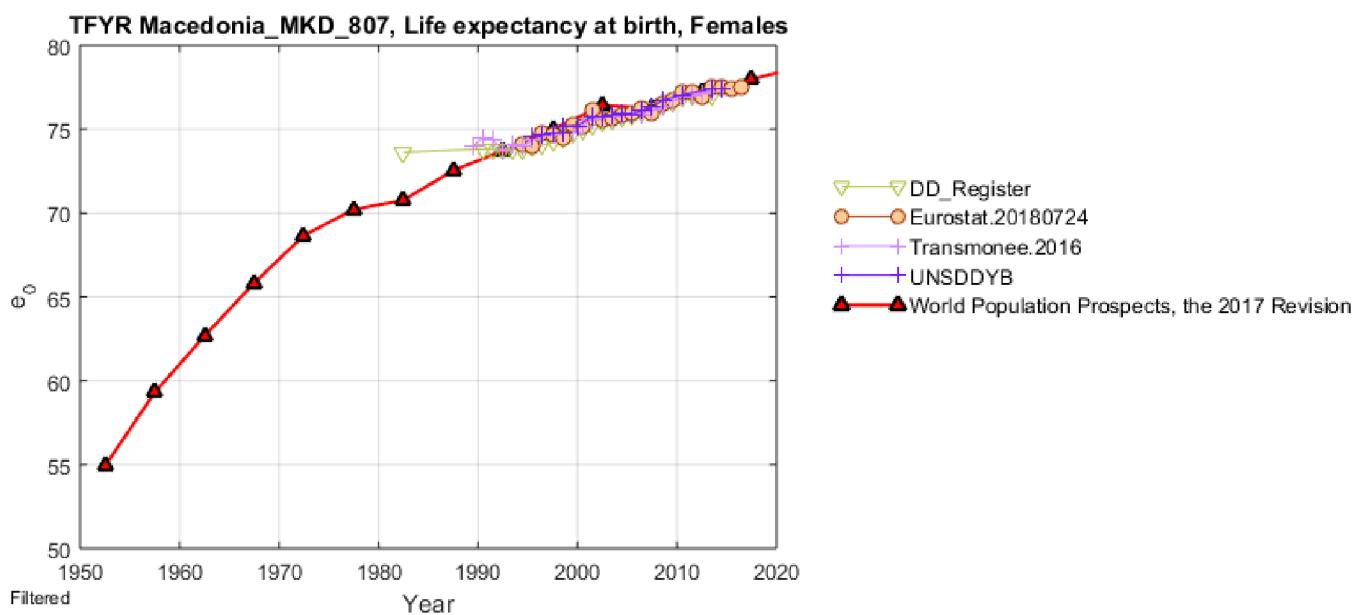
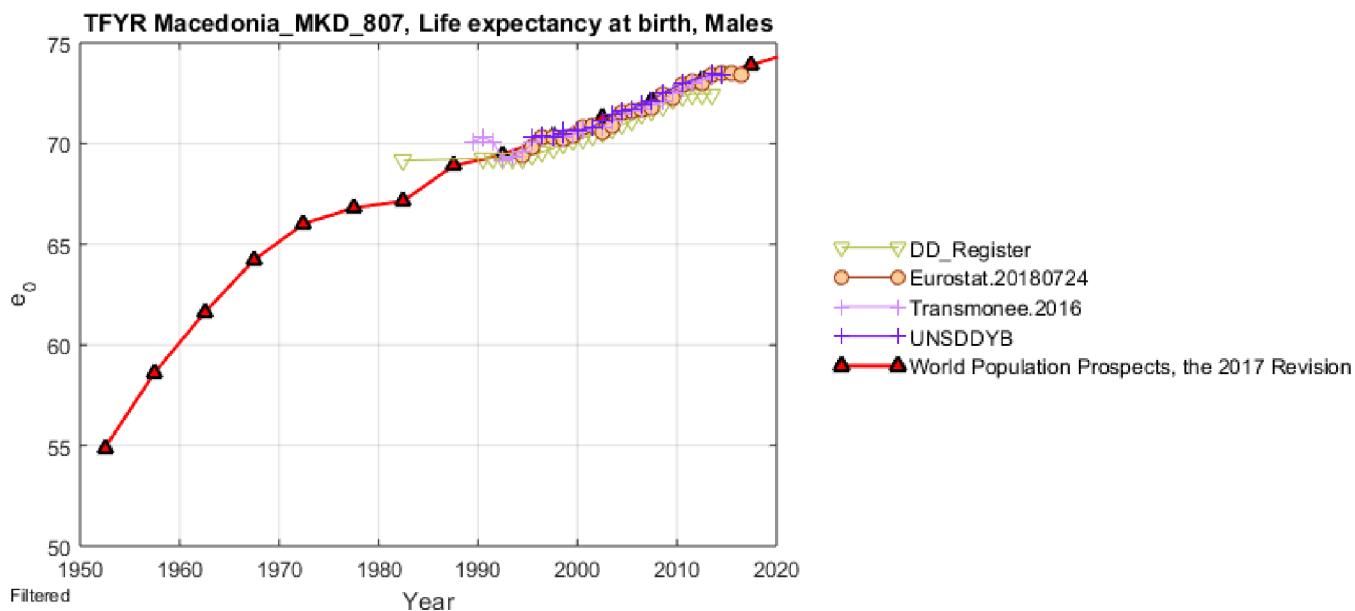
Uganda_UGA_800, Life expectancy at birth, Females



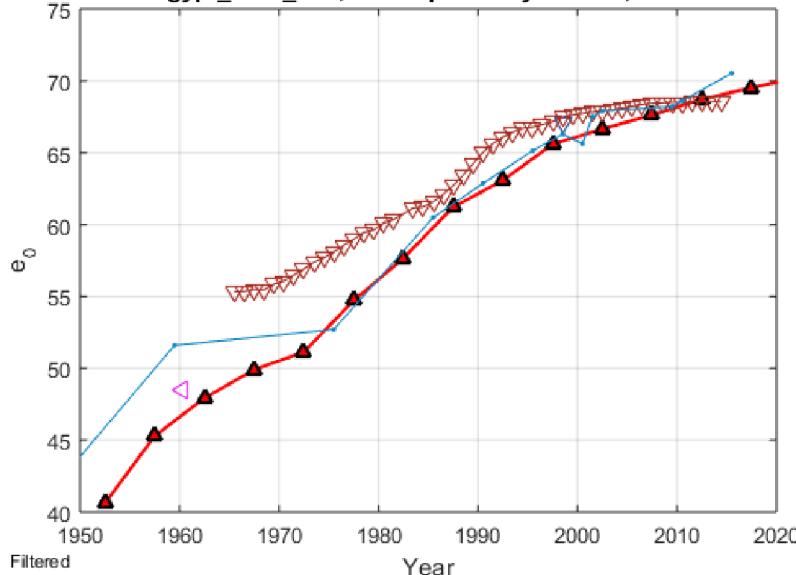
Uganda_UGA_800, Life expectancy at birth





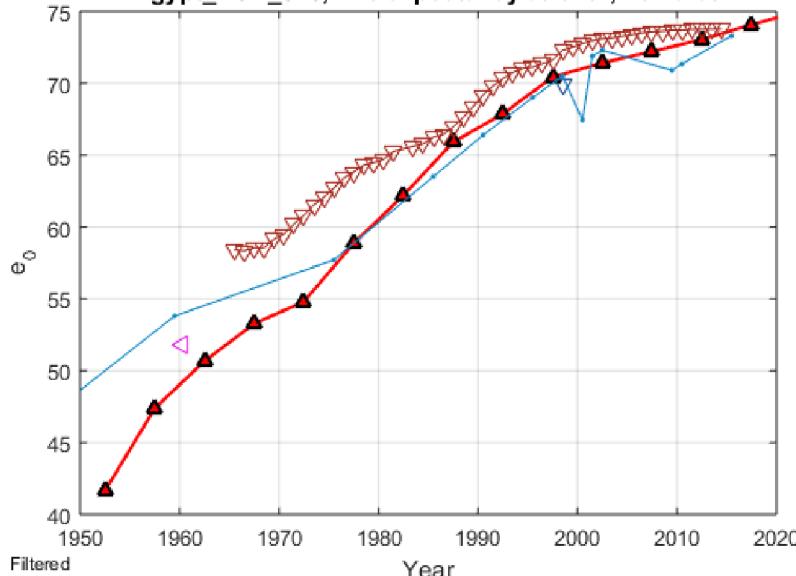


Egypt_EGY_818, Life expectancy at birth, Males



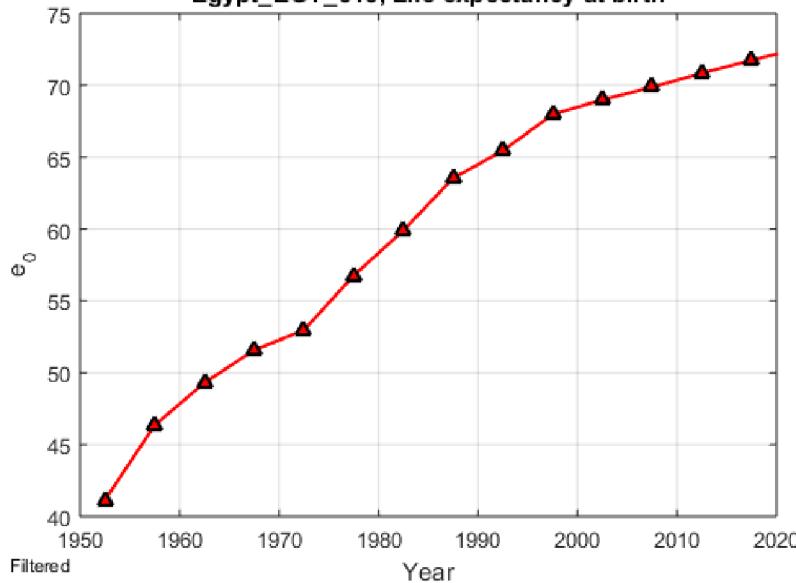
DD_1960 Census_OECD (1980). La mortalité dans l
DD_Estimates
DD_Register
UNSDYB
World Population Prospects, the 2017 Revision

Egypt_EGY_818, Life expectancy at birth, Females

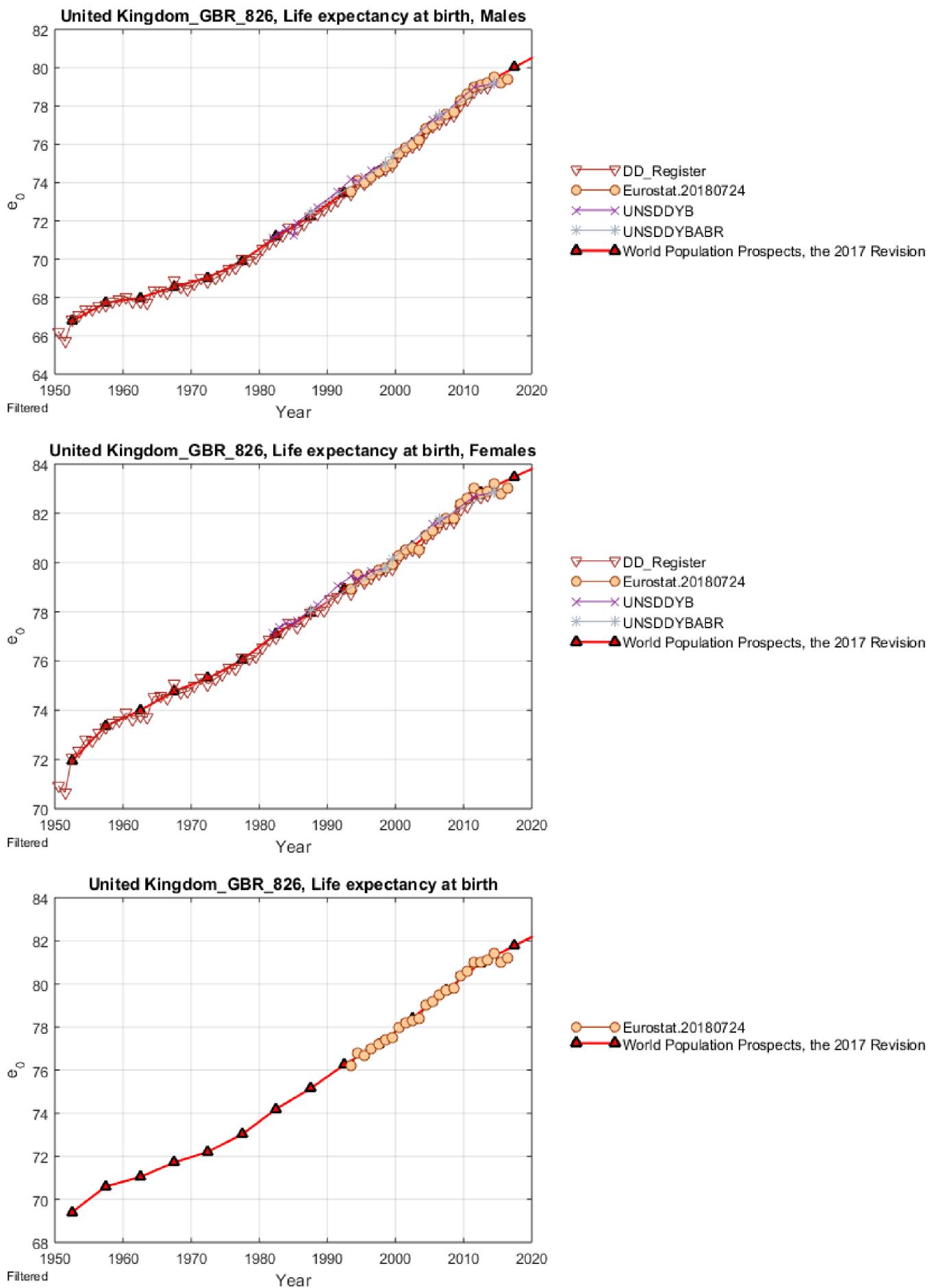


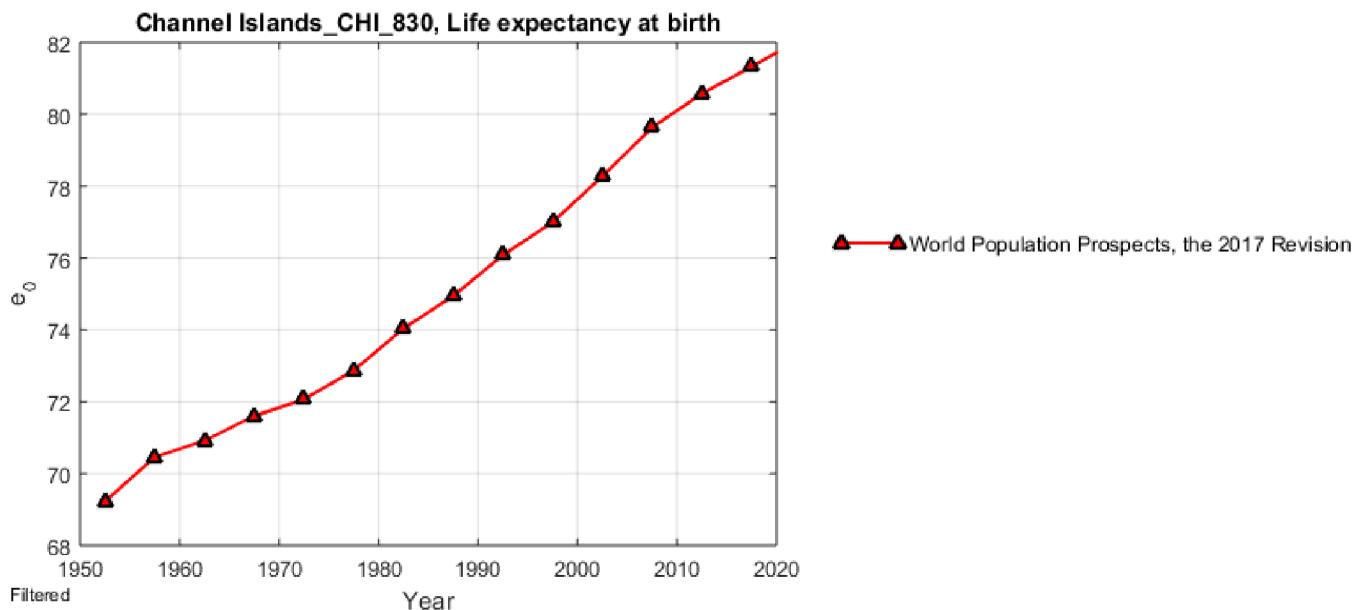
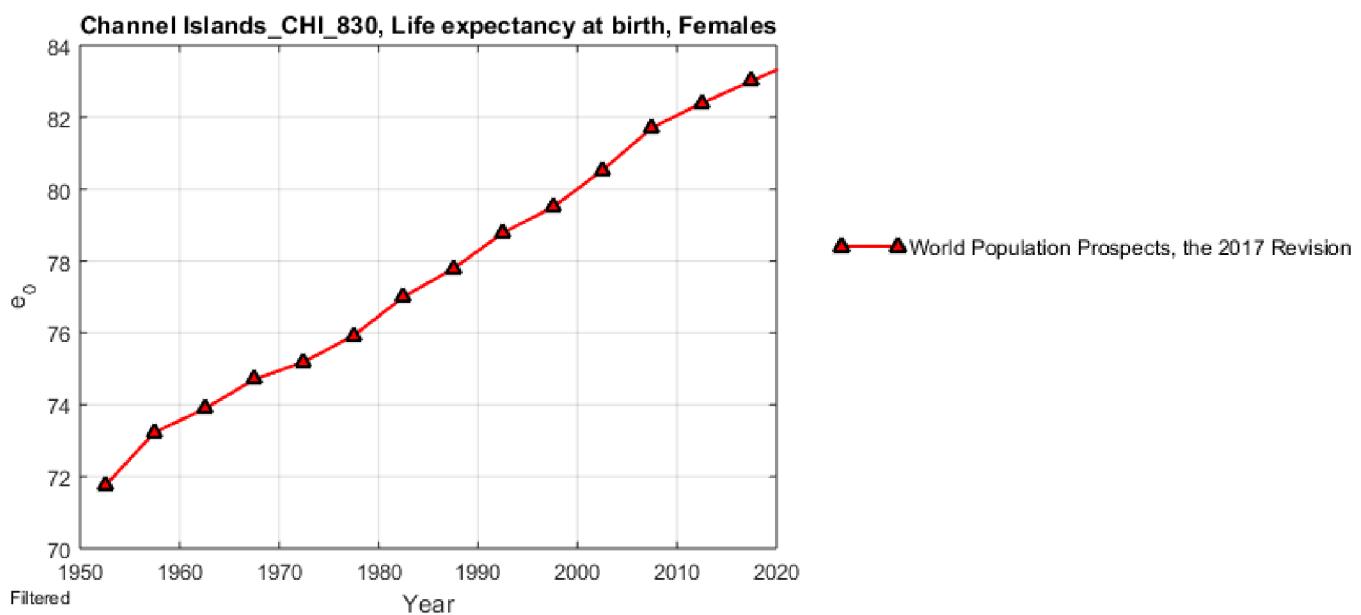
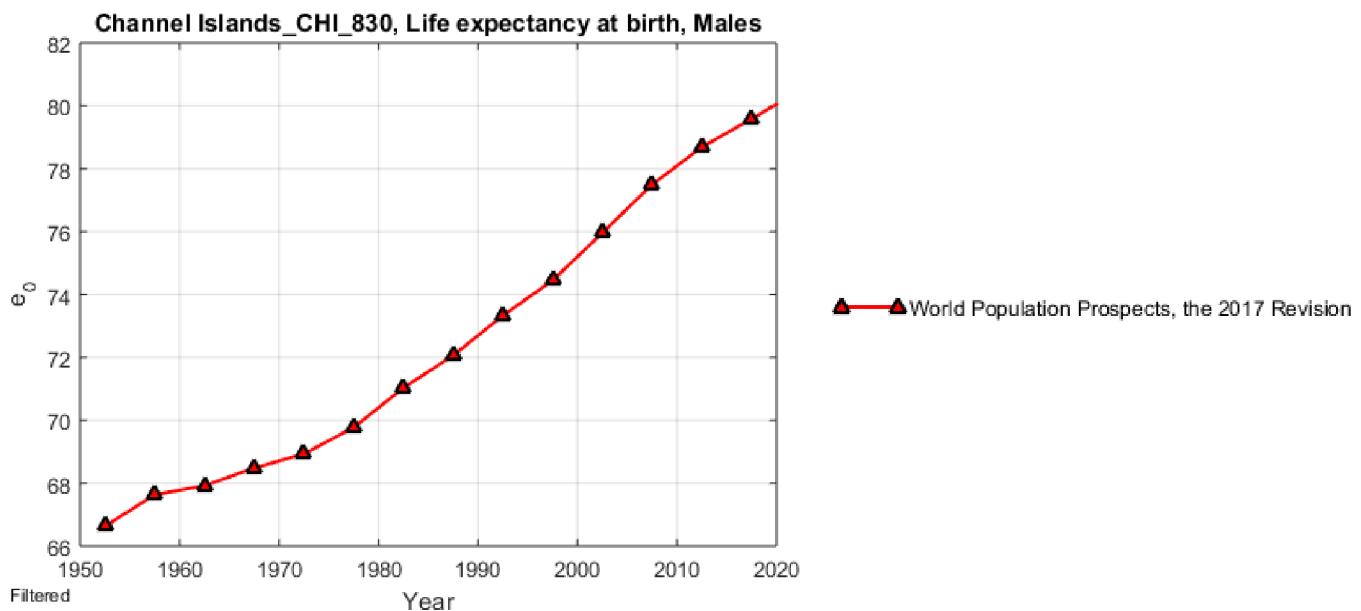
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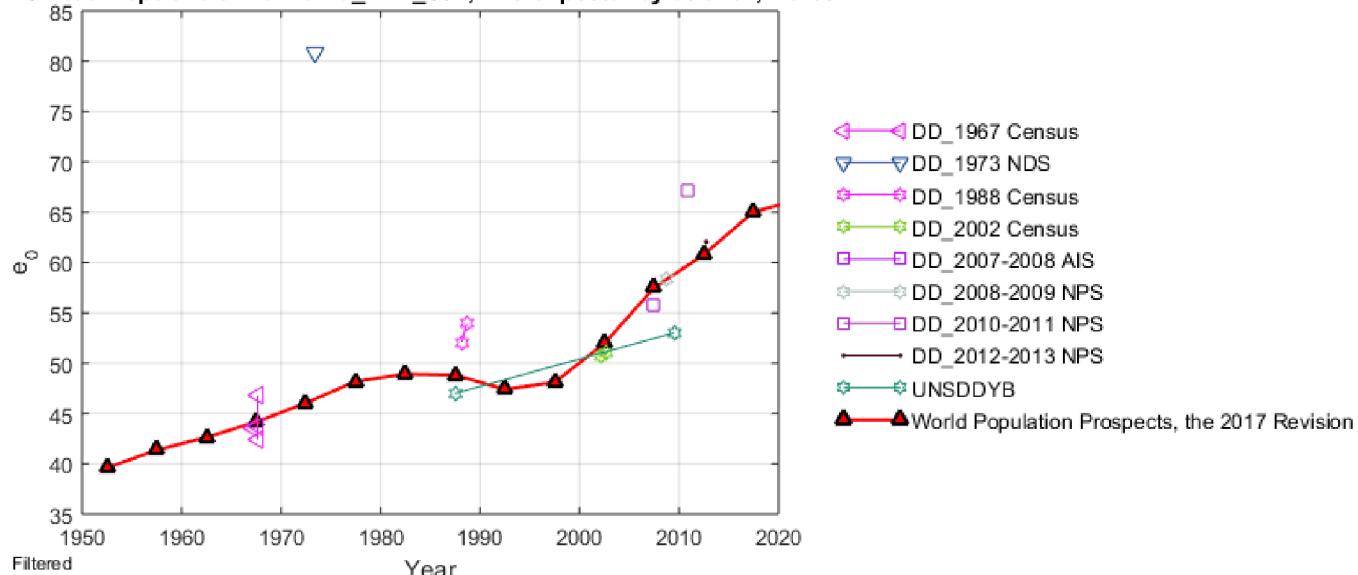


World Population Prospects, the 2017 Revision

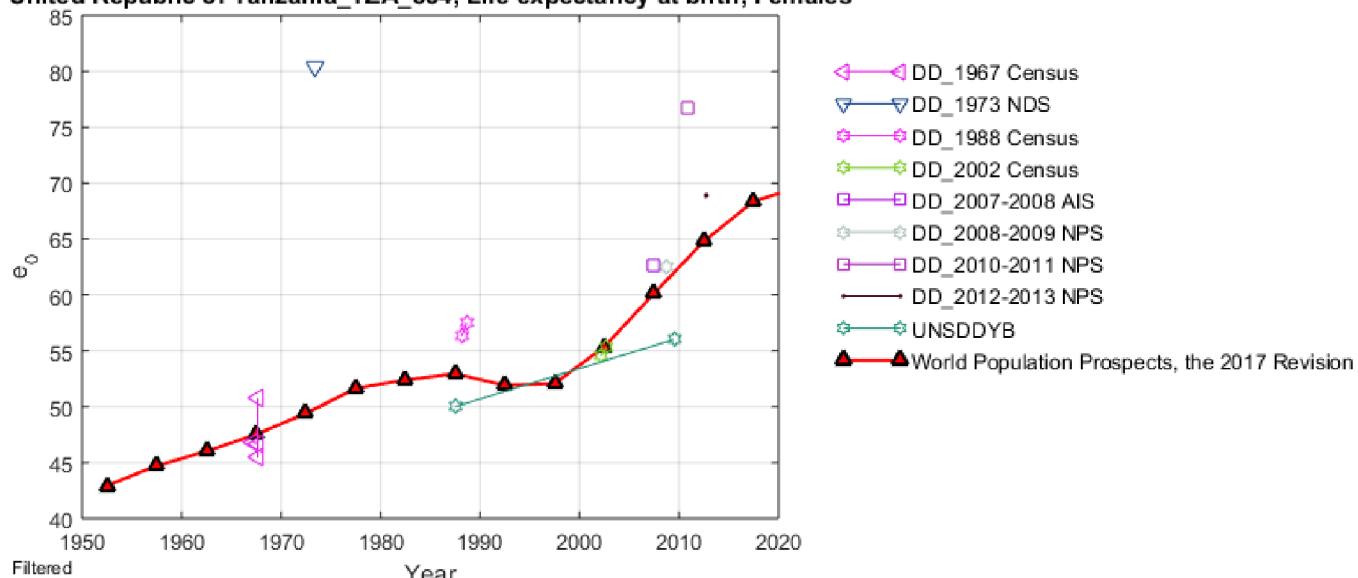




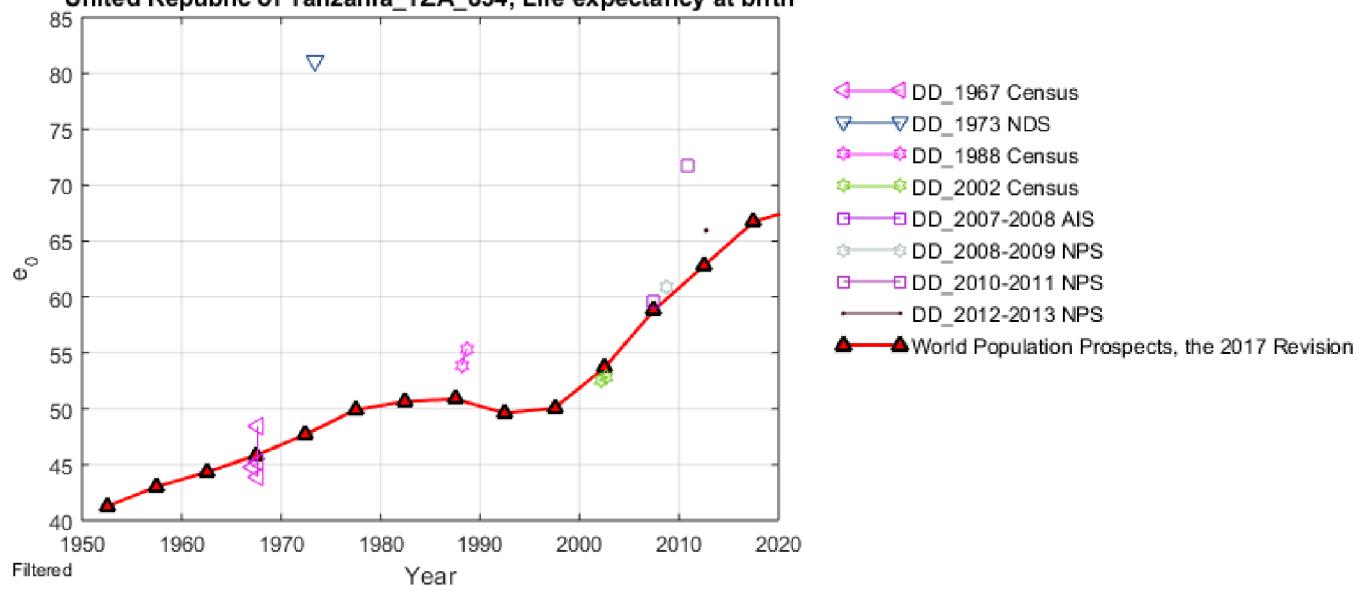
United Republic of Tanzania_TZA_834, Life expectancy at birth, Males

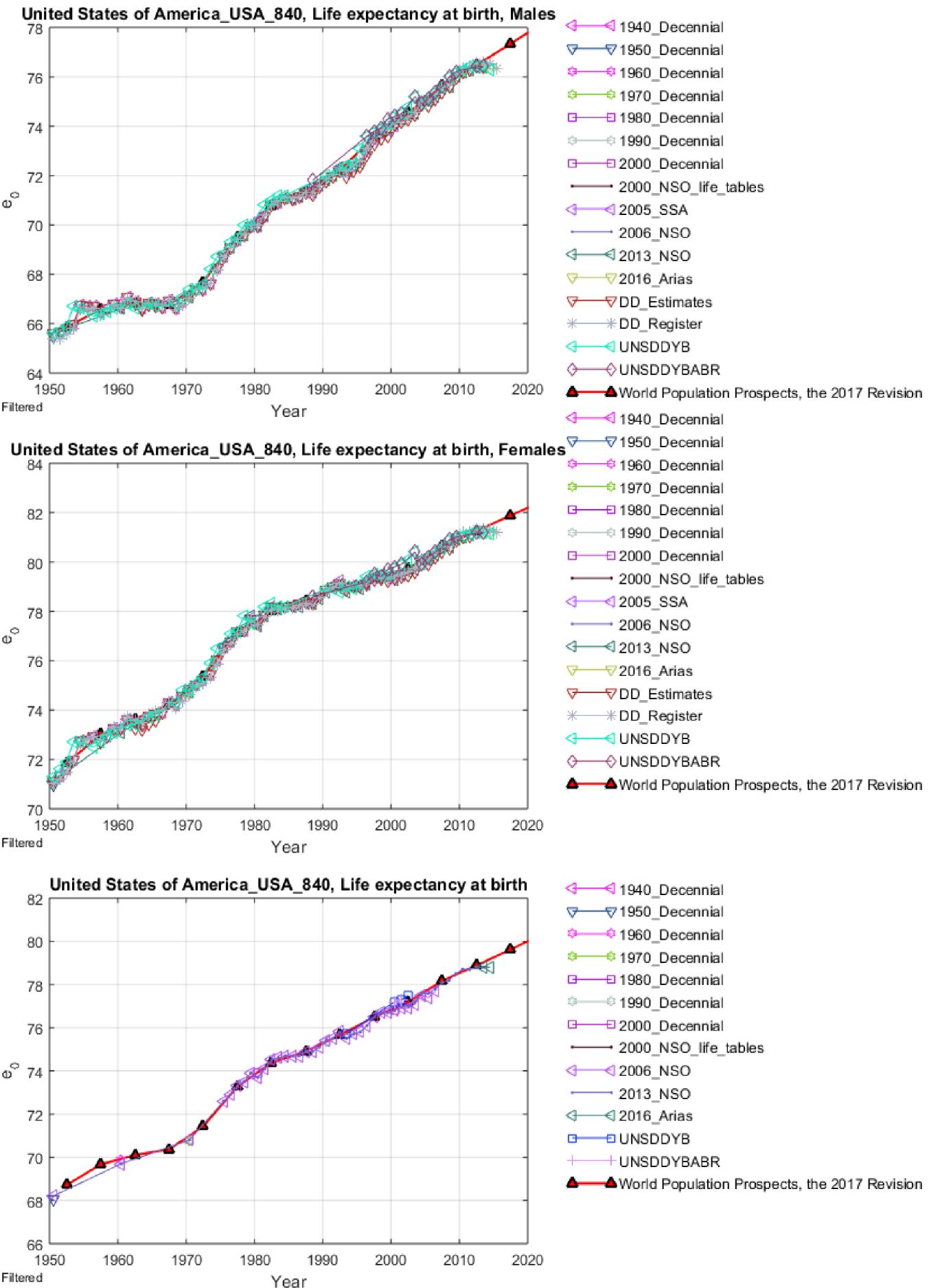


United Republic of Tanzania_TZA_834, Life expectancy at birth, Females

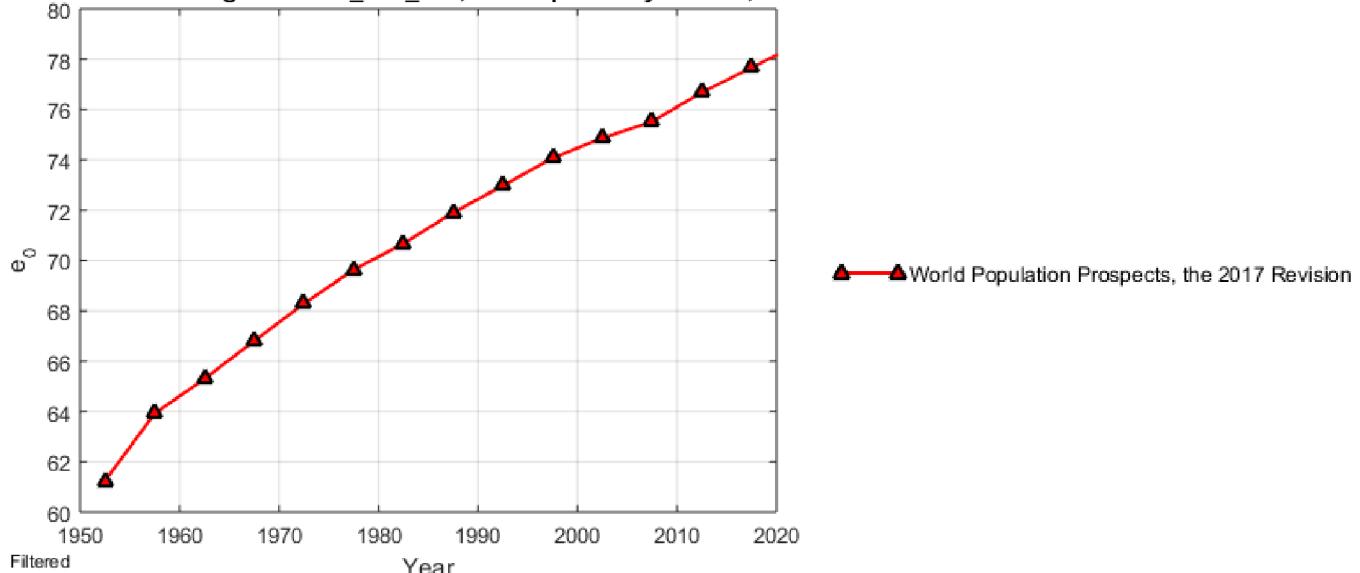


United Republic of Tanzania_TZA_834, Life expectancy at birth

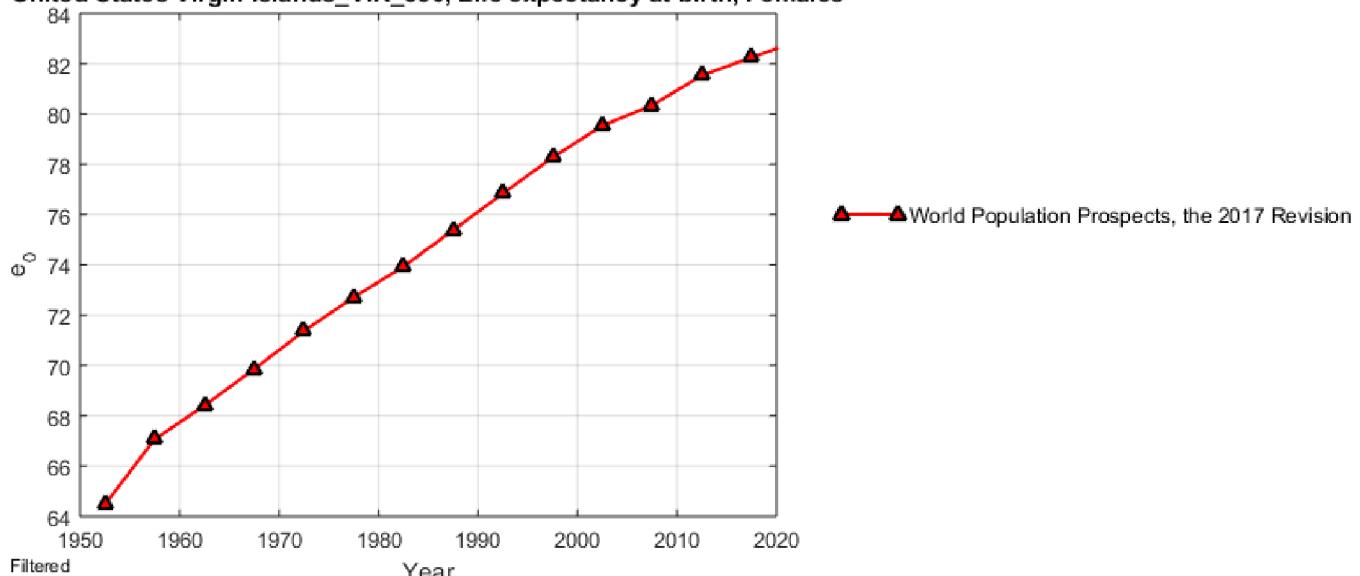




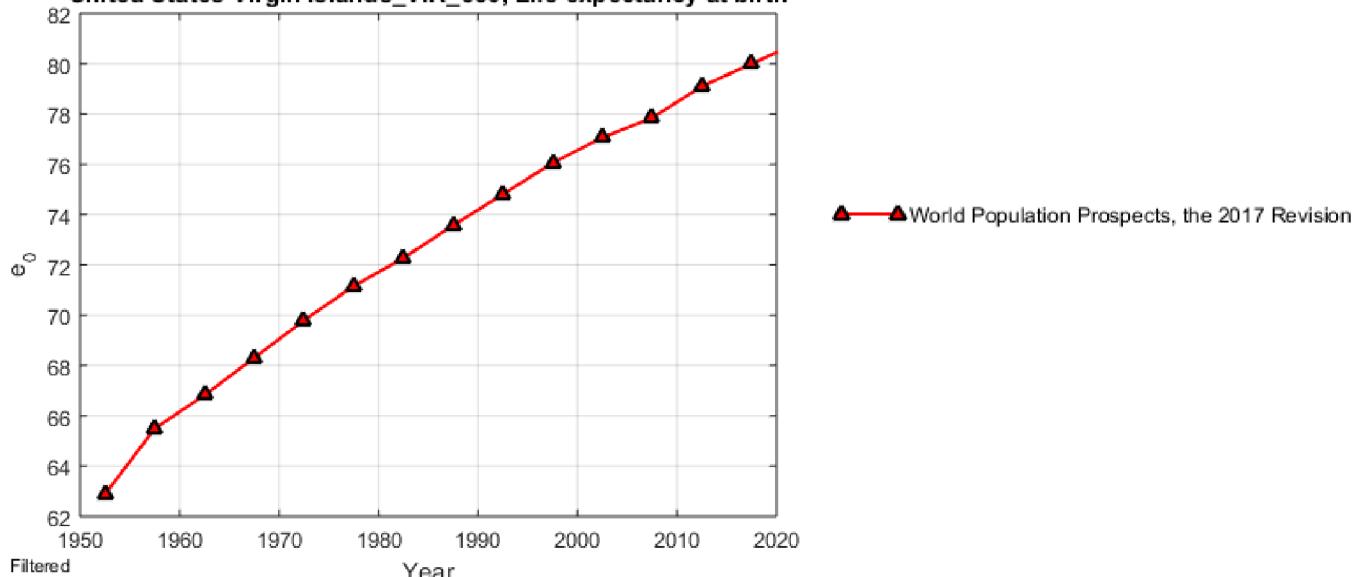
United States Virgin Islands_VIR_850, Life expectancy at birth, Males

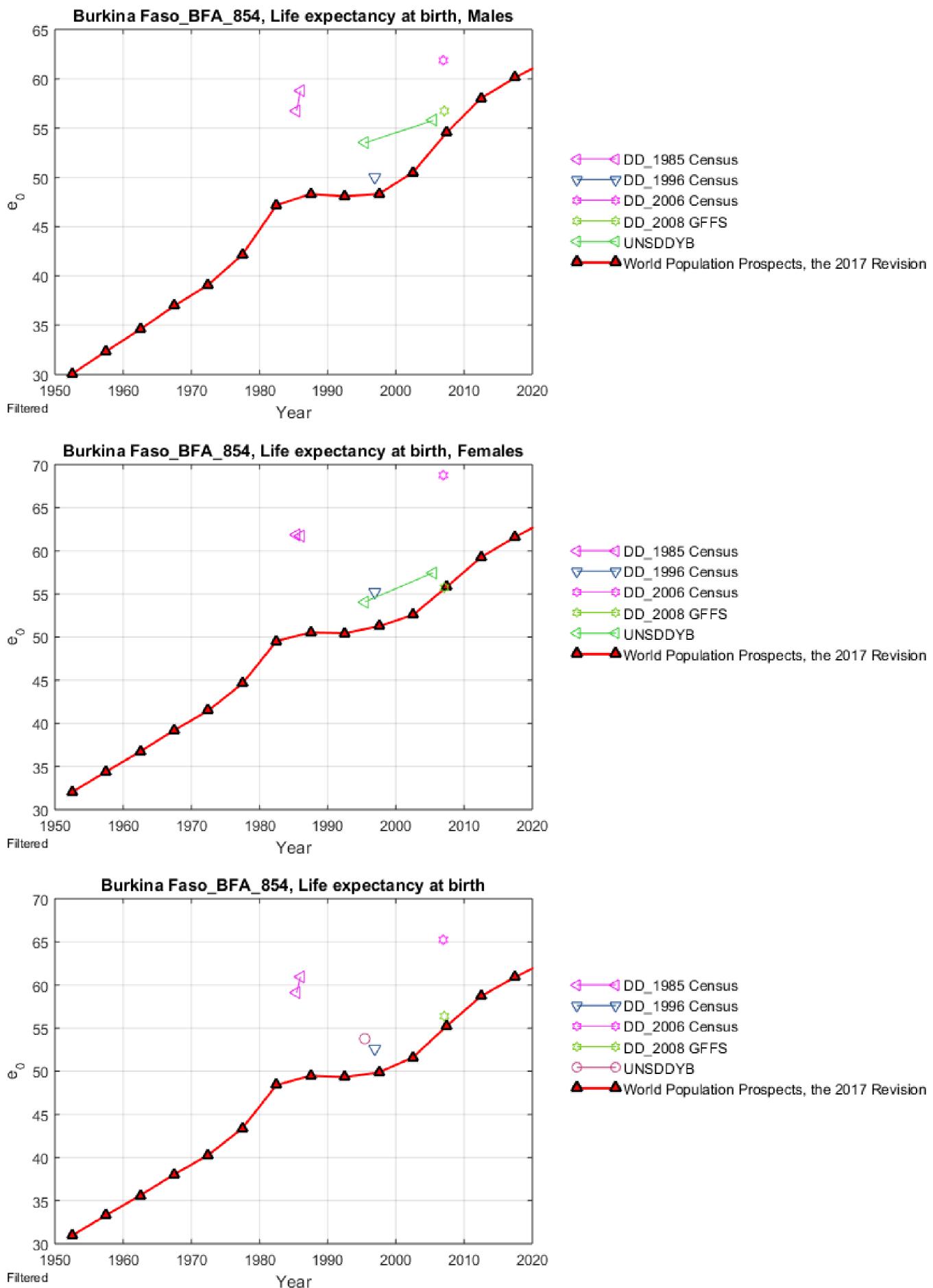


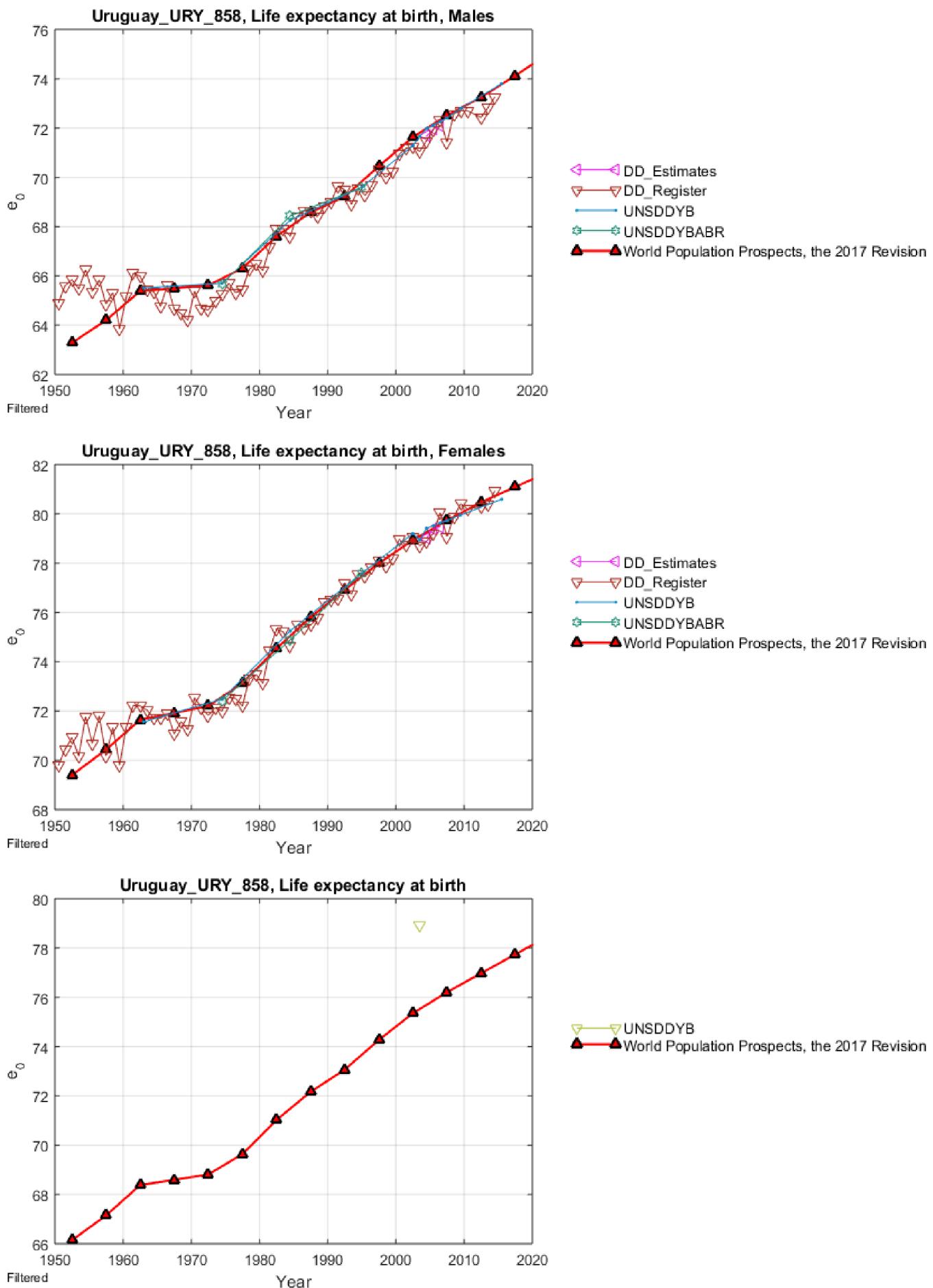
United States Virgin Islands_VIR_850, Life expectancy at birth, Females

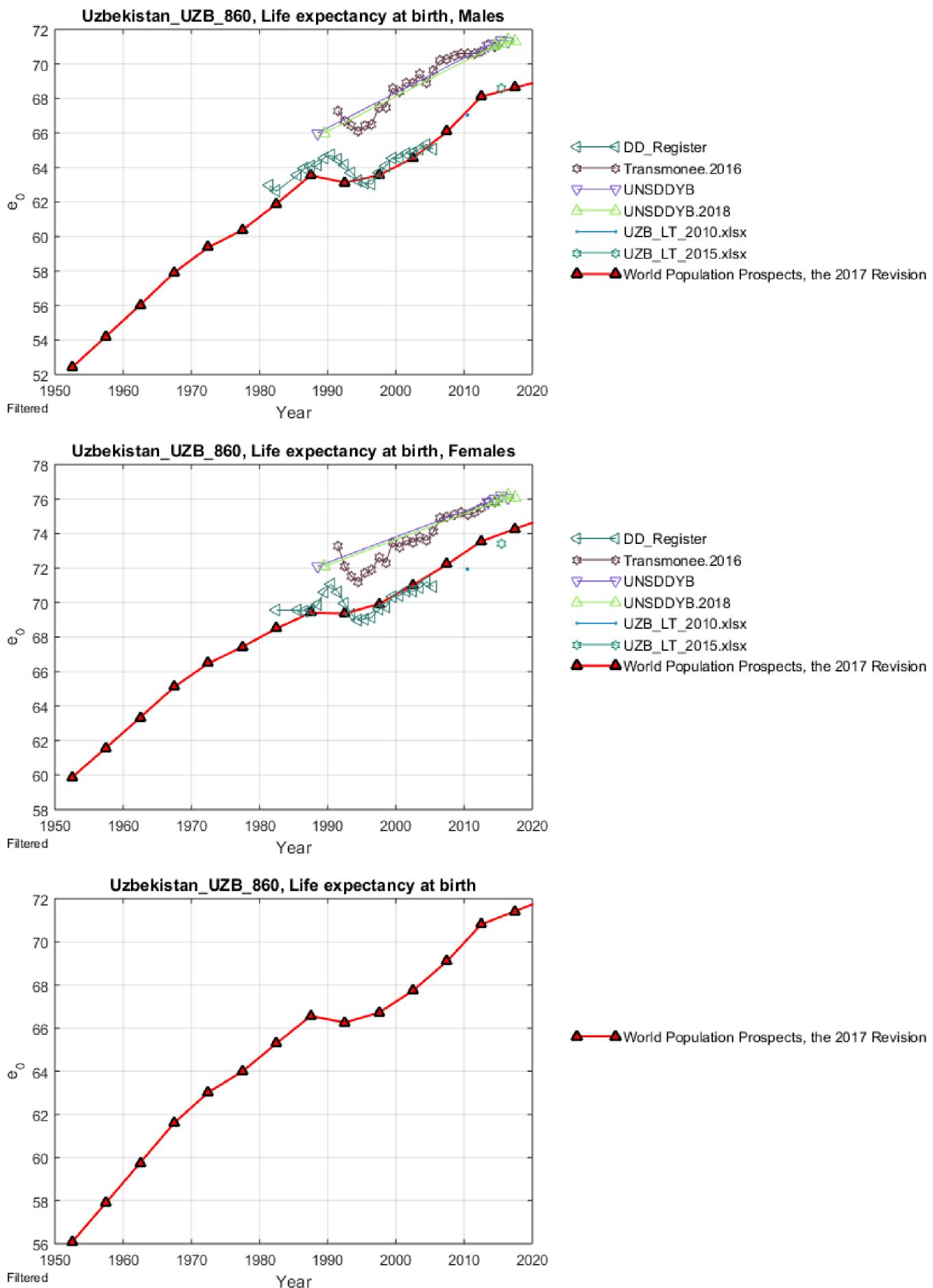


United States Virgin Islands_VIR_850, Life expectancy at birth

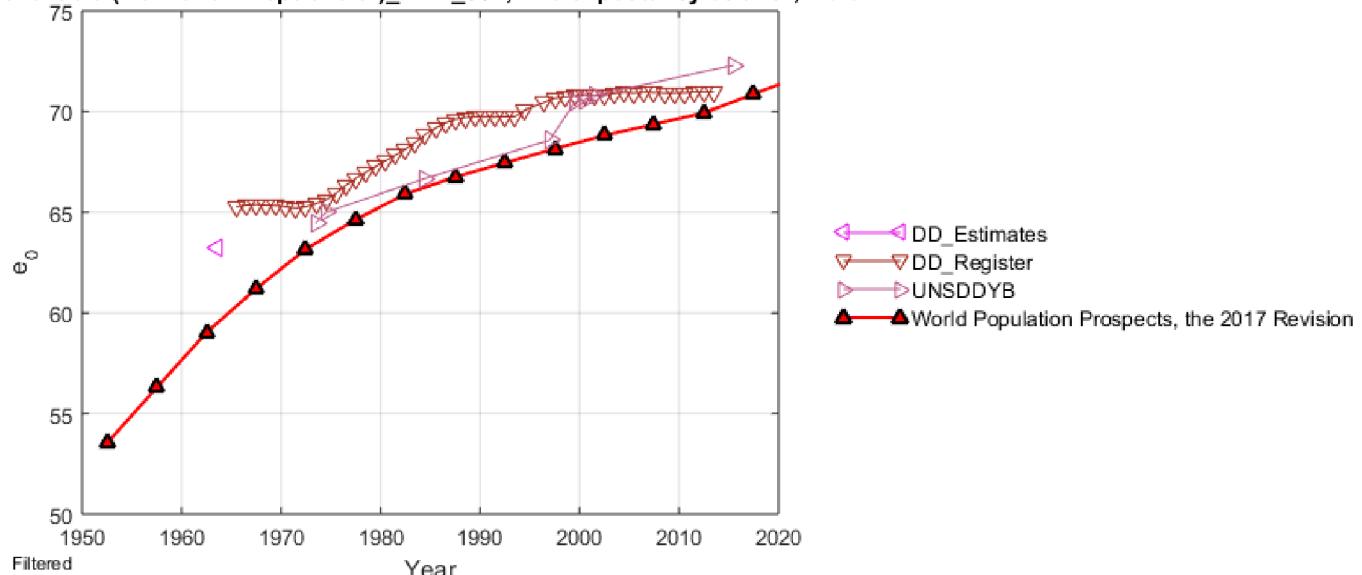




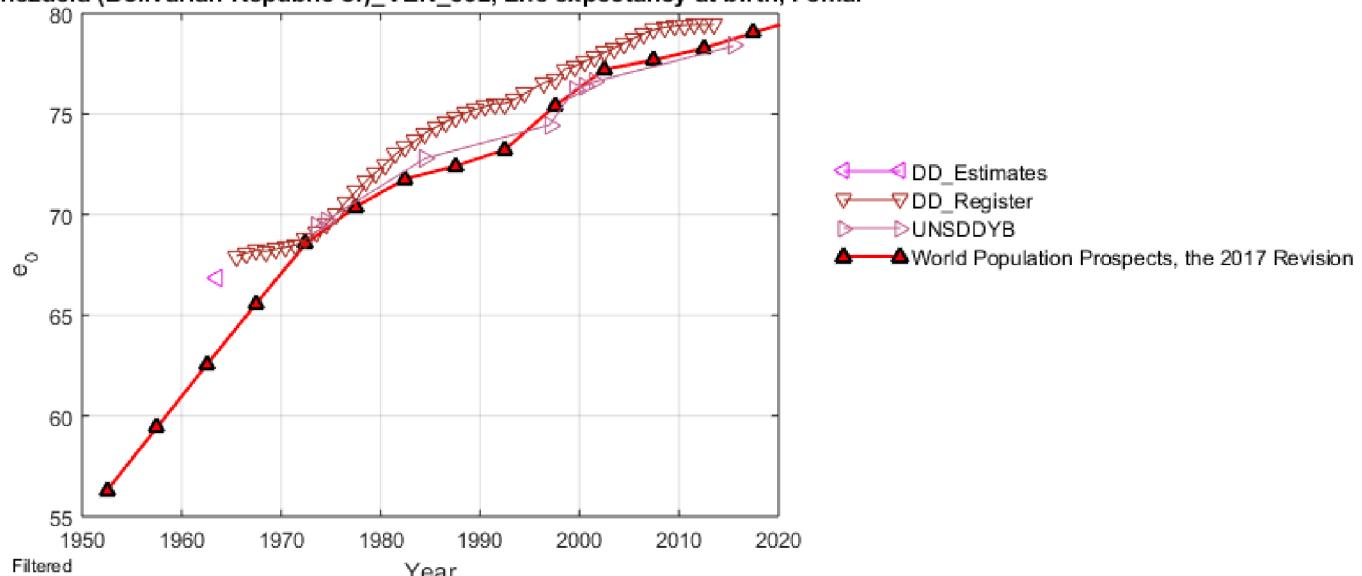




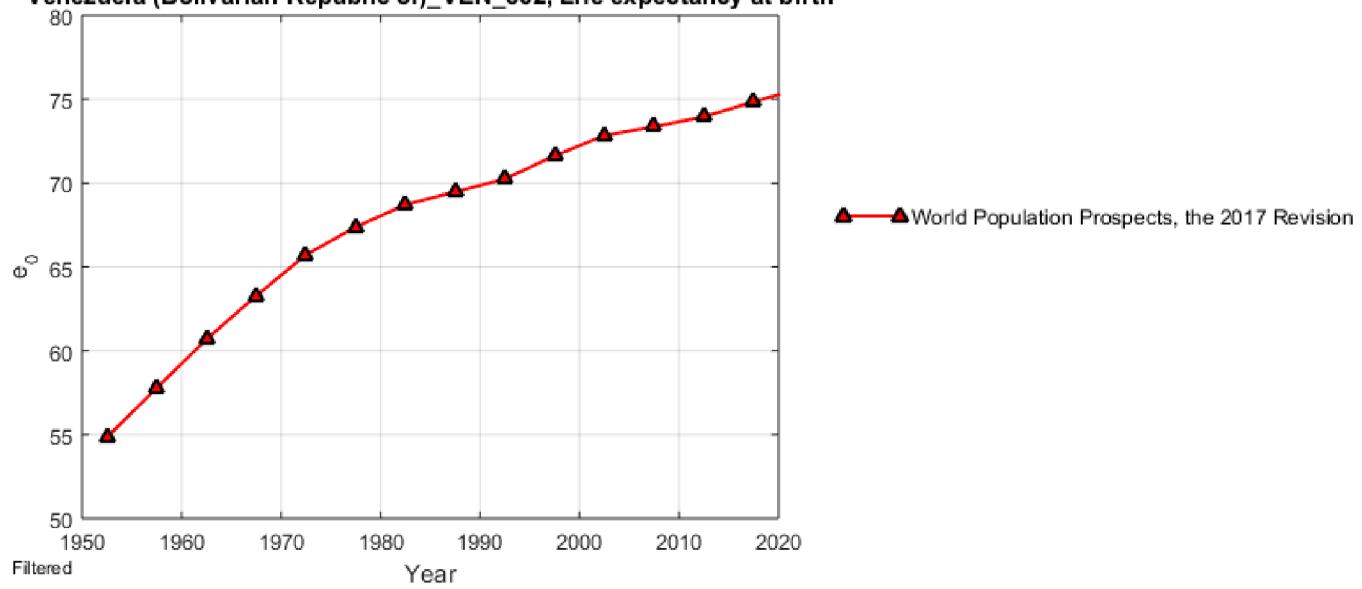
Venezuela (Bolivarian Republic of)_VEN_862, Life expectancy at birth, Male



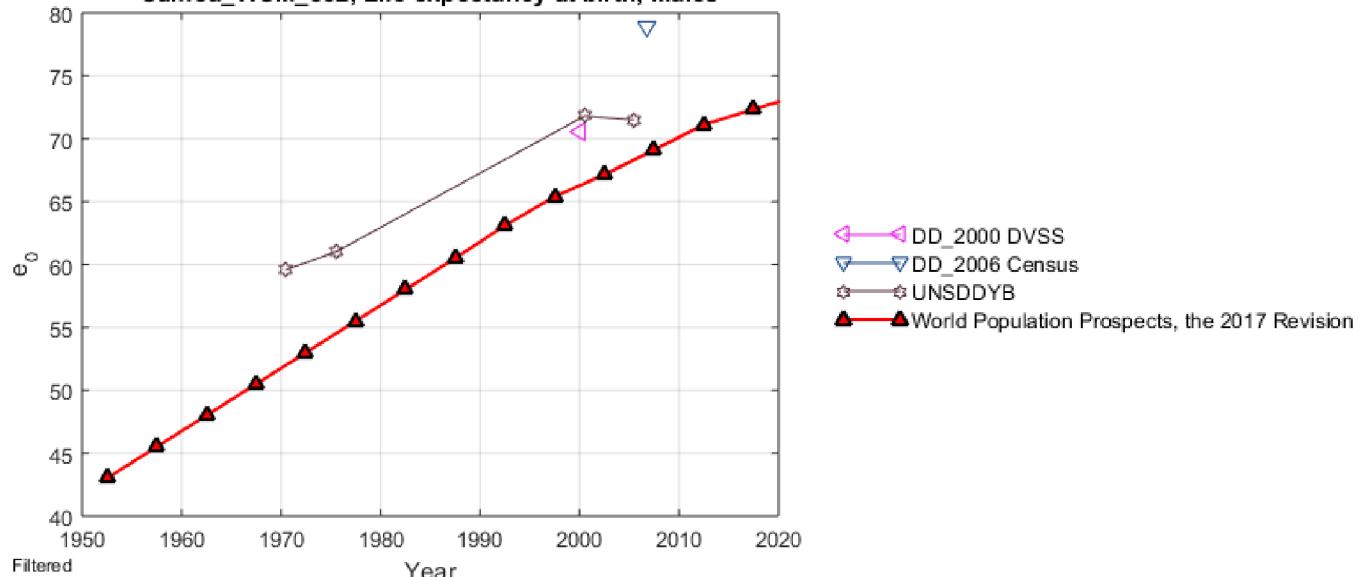
Venezuela (Bolivarian Republic of)_VEN_862, Life expectancy at birth, Femal



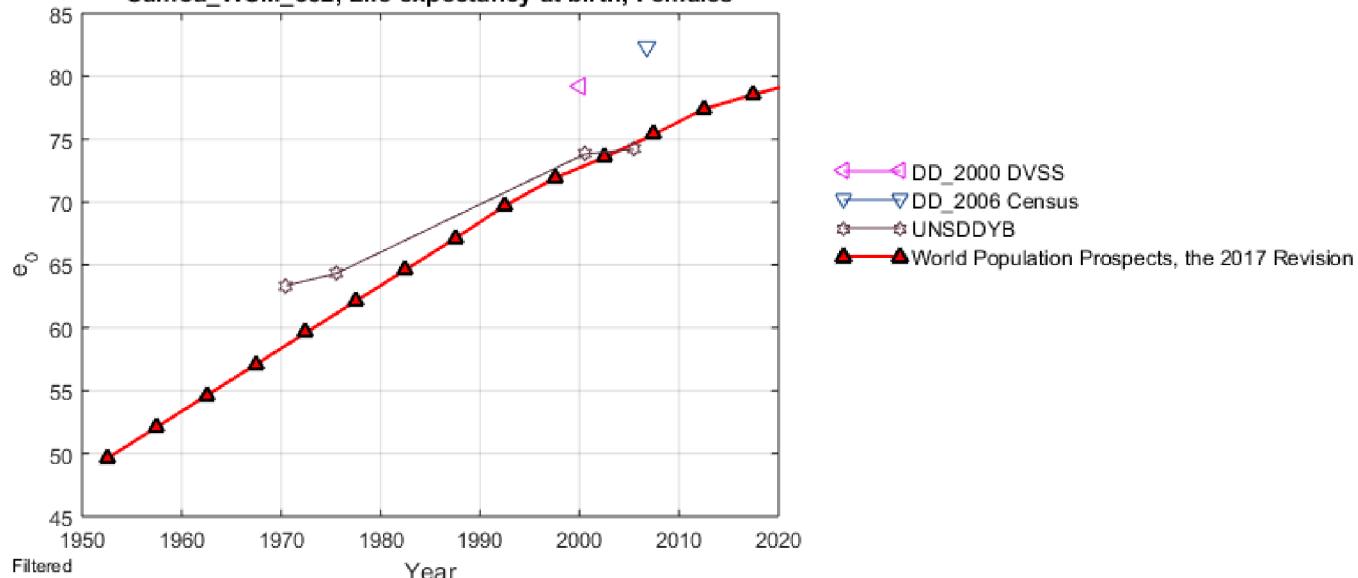
Venezuela (Bolivarian Republic of)_VEN_862, Life expectancy at birth



Samoa_WSM_882, Life expectancy at birth, Males



Samoa_WSM_882, Life expectancy at birth, Females



Samoa_WSM_882, Life expectancy at birth

