

Mortality patterns in Albania: An overall picture over the period 2001-2009

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Aim:

This study aims at displaying an overall picture of mortality rates – MRs (deaths per 100,000 population) in Albania over the period 2001-2009.

The huge amount of our data makes quite impossible to portray in detail such an important issue into the context of a conference presentation.

Methods:

Mortality data (based on death certificates) are obtained by the official annual publications of the Institute of Statistics (INSTAT), whose content does **not** provide the desirable outputs on the matter.

The available data were analyzed in order to obtain

crude and standardized (world population as standard population) gender-specific general (=all causes) MRs,
and cause-specific MRs,

all of them at regional (prefecture) and country level

over the period from 2001 to 2009 (the last annual INSTAT publication on mortality in Albania).

Results:

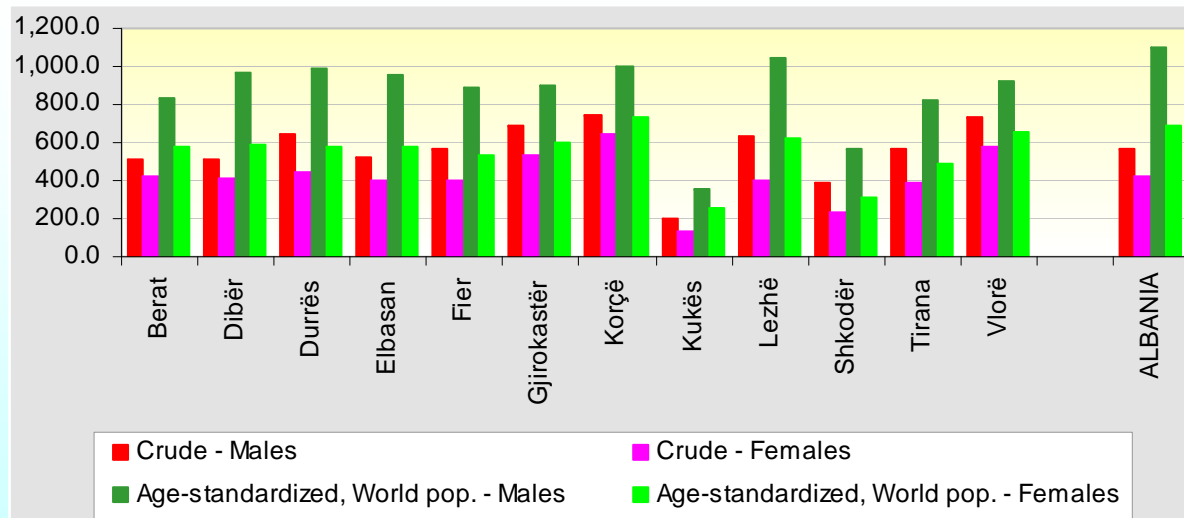
Main findings include:

- (i) crude and age-standardized general (=all causes) gender-specific MRs at prefecture and country level in each year over the period 2001-2009;
- (ii) crude gender-specific cause-specific (=according to causes [cause-groups] of death) MRs at prefecture and country level in each year over the period 2001-2009;
- (iii) proportion (as percentage %) of crude gender-specific cause-specific MRs towards crude general gender-specific MRs in each year over the period 2001-2009;
- (iv) trends over the period 2001-2009 of the crude gender-specific cause-specific MRs at country level;

- (i) crude and age-standardized general (=all causes) gender-specific MRs
at prefecture and country level
in each year over the period 2001-2009

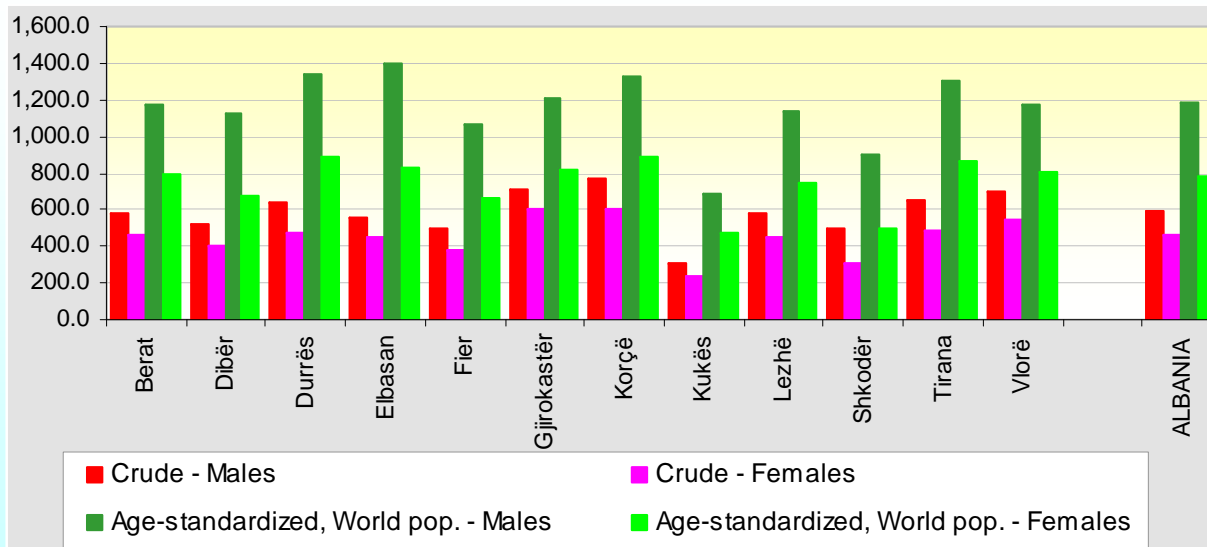
General [=all causes] Mortality Rates (per 100,000 population)
at Region (or Prefecture or Qark) level in Albania in 2001

Regions (Prefectures / Qarks)	Crude		Age-standardized (Country population as standard pop.)		Age-standardized (World population as standard pop.)	
	Males	Females	Males	Females	Males	Females
1 Berat	512.3	419.7	546.7	455.5	830.8	574.3
2 Dibër	513.0	407.9	646.0	461.9	963.2	586.4
3 Durrës	649.4	445.0	657.1	457.6	987.5	581.5
4 Elbasan	523.0	395.8	611.3	447.1	952.0	580.5
5 Fier	564.7	399.5	590.2	420.6	893.9	536.8
6 Gjirokastrër	692.2	535.3	648.5	507.9	900.0	602.6
7 Korçë	742.4	642.3	664.1	572.7	999.0	736.1
8 Kukës	195.8	128.9	236.0	154.9	351.3	250.6
9 Lezhë	635.1	403.1	680.3	440.7	1,042.3	619.8
10 Shkodër	387.8	237.2	366.3	233.0	567.5	310.5
11 Tirana	563.2	387.1	640.5	371.7	827.3	489.3
12 Vlorë	732.6	574.1	664.9	539.9	925.2	652.9
ALBANIA	569.4	417.8	630.4	418.0	1,101.3	694.2



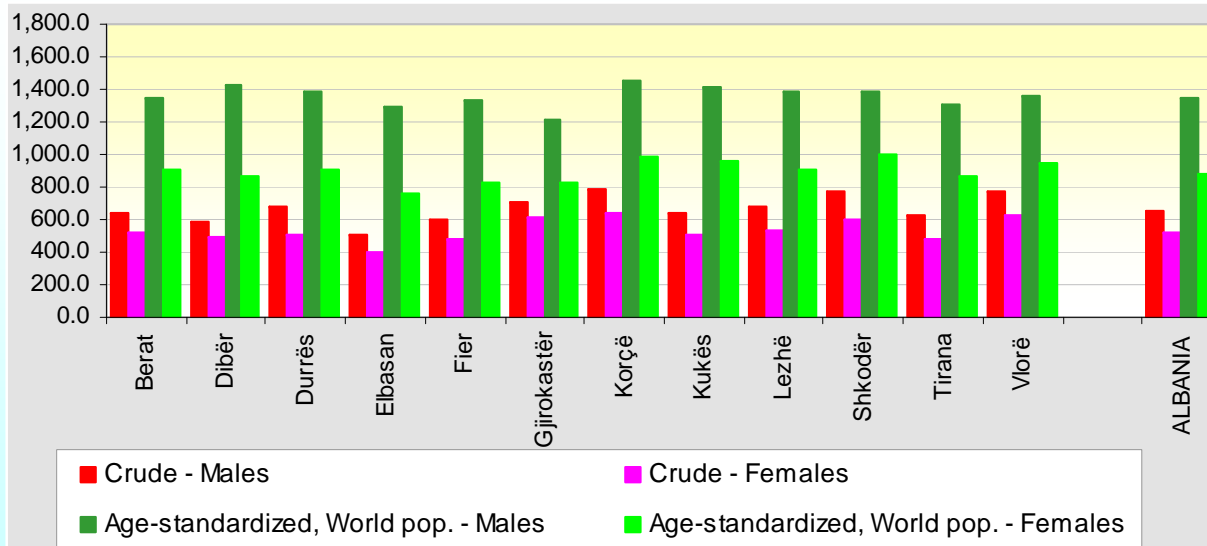
General [=all causes] Mortality Rates (per 100,000 population)
at Region (or Prefecture or Qark) level in Albania in **2002**

Regions (Prefectures / Qarks)	Crude		Age-standardized (Country population as standard pop.)		Age-standardized (World population as standard pop.)	
	Males	Females	Males	Females	Males	Females
1 Berat	579.2	465.3	665.5	426.7	1,168.3	798.0
2 Dibër	523.3	403.4	672.3	388.5	1,122.1	672.2
3 Durrës	636.6	477.8	731.7	454.7	1,333.6	884.1
4 Elbasan	561.4	445.1	765.9	450.5	1,402.8	827.1
5 Fier	491.9	384.8	584.9	349.7	1,071.9	659.5
6 Gjirokastrër	709.8	608.9	667.8	422.6	1,213.1	821.6
7 Korçë	771.4	602.4	743.8	466.7	1,325.4	883.0
8 Kukës	306.3	241.2	395.7	256.6	684.8	477.4
9 Lezhë	582.3	447.0	654.6	403.5	1,134.0	743.7
10 Shkodër	496.4	307.1	479.6	265.7	895.4	493.7
11 Tirana	651.5	488.5	714.0	446.8	1,309.5	869.6
12 Vlorë	696.8	549.6	655.5	415.8	1,174.4	807.0
ALBANIA	596.4	463.2	664.6	413.5	1,188.9	781.2



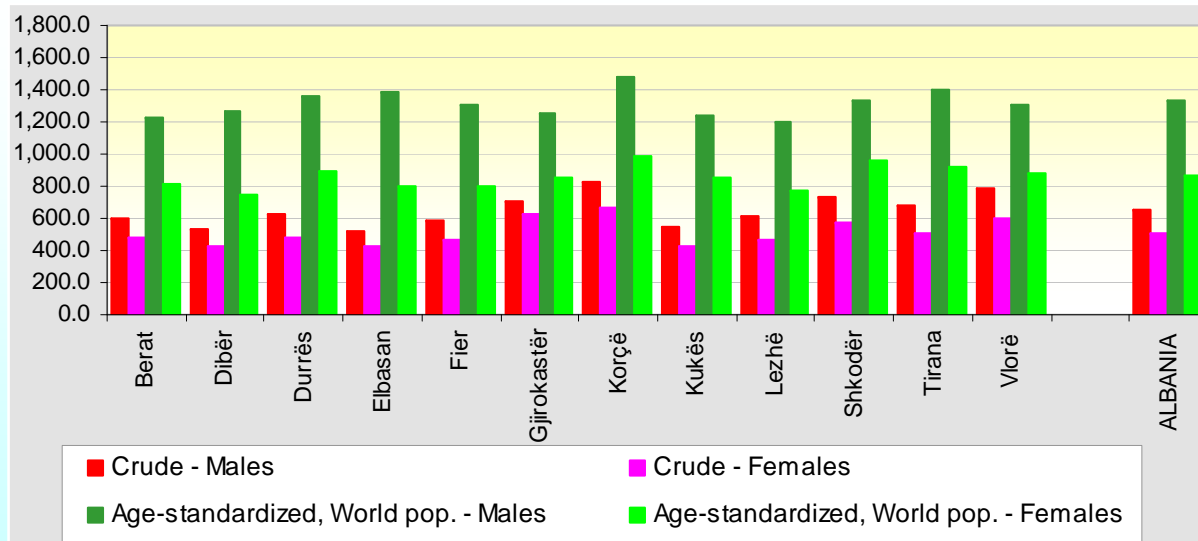
General [=all causes] Mortality Rates (per 100,000 population)
at Region (or Prefecture or Qark) level in Albania in 2003

Regions (Prefectures / Qarks)	Crude		Age-standardized (Country population as standard pop.)		Age-standardized (World population as standard pop.)	
	Males	Females	Males	Females	Males	Females
1 Berat	641.1	520.4	748.4	473.4	1,344.0	905.2
2 Dibër	591.1	491.5	789.8	460.1	1,428.8	862.9
3 Durrës	681.1	500.7	772.7	478.0	1,385.6	907.2
4 Elbasan	511.0	403.5	703.1	408.2	1,297.0	753.6
5 Fier	597.5	474.3	716.0	431.1	1,338.1	822.2
6 Gjirokastrër	706.4	608.7	663.0	417.7	1,219.1	825.5
7 Korçë	790.5	646.1	774.1	494.5	1,453.9	980.2
8 Kukës	646.6	502.4	835.3	539.9	1,411.2	965.9
9 Lezhë	684.3	536.2	775.7	478.9	1,389.1	910.1
10 Shkodër	771.5	599.6	772.6	514.1	1,392.5	999.5
11 Tirana	626.3	476.8	693.6	436.0	1,300.4	862.0
12 Vlorë	776.8	627.3	730.6	467.6	1,362.9	943.3
ALBANIA	654.6	517.1	735.0	459.0	1,347.8	884.4



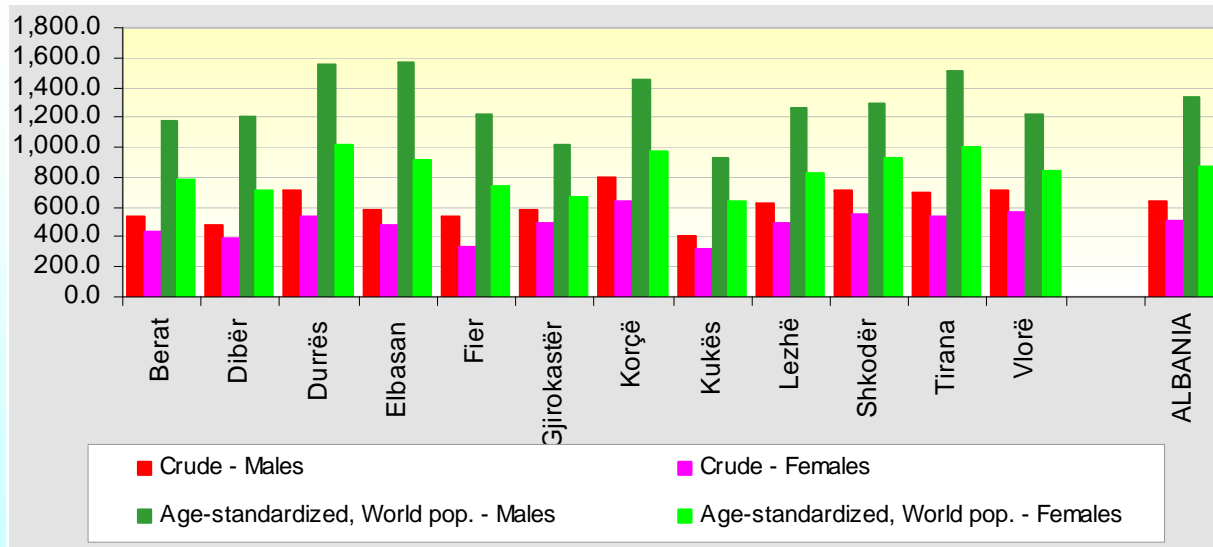
General [=all causes] Mortality Rates (per 100,000 population)
at Region (or Prefecture or Qark) level in Albania in 2004

Regions (Prefectures / Qarks)	Crude		Age-standardized (Country population as standard pop.)		Age-standardized (World population as standard pop.)	
	Males	Females	Males	Females	Males	Females
1 Berat	602.0	473.4	700.4	436.1	1,229.0	810.8
2 Dibër	537.4	425.1	717.8	406.3	1,267.6	745.0
3 Durrës	627.2	475.7	724.7	450.1	1,356.2	893.6
4 Elbasan	522.4	421.4	729.5	424.9	1,380.5	803.5
5 Fier	591.8	462.2	707.2	421.6	1,308.0	795.0
6 Gjirokastrër	712.4	625.8	666.5	422.8	1,258.6	855.5
7 Korçë	832.9	663.1	806.9	508.8	1,480.2	987.4
8 Kukës	544.7	421.1	719.2	459.7	1,246.6	850.2
9 Lezhë	611.4	462.2	689.4	418.5	1,195.8	771.0
10 Shkodër	732.8	571.7	737.6	490.0	1,339.9	960.9
11 Tirana	683.5	512.8	751.2	469.2	1,397.2	921.1
12 Vlorë	790.4	605.7	731.4	455.2	1,309.4	879.2
ALBANIA	650.4	507.1	728.7	450.9	1,331.0	865.6



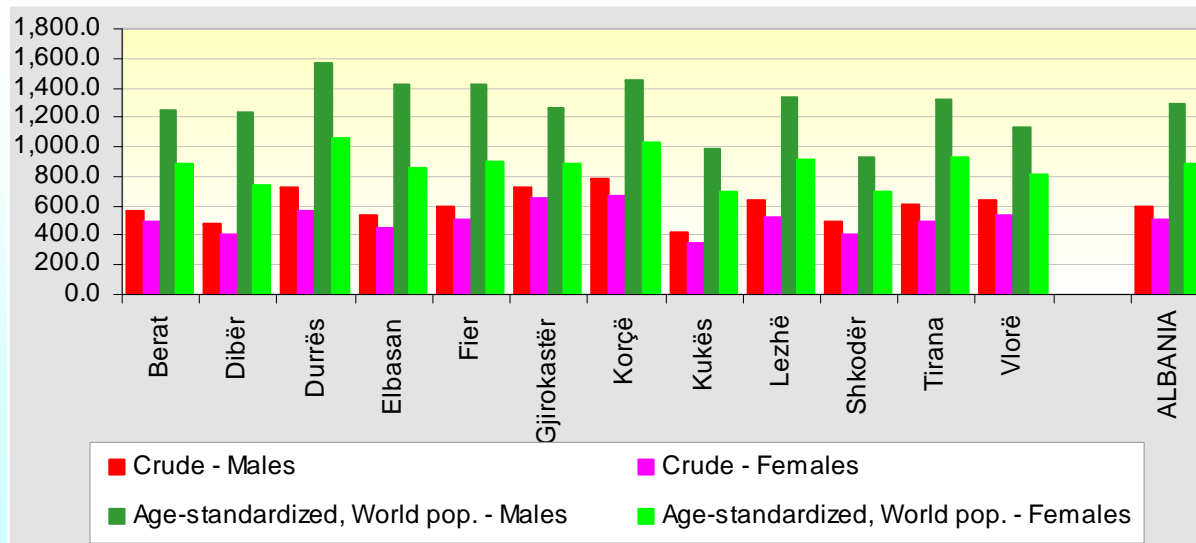
General [=all causes] Mortality Rates (per 100,000 population)
at Region (or Prefecture or Qark) level in Albania in 2005

Regions (Prefectures / Qarks)	Crude		Age-standardized (Country population as standard pop.)		Age-standardized (World population as standard pop.)	
	Males	Females	Males	Females	Males	Females
1 Berat	531.4	441.5	635.8	401.4	1,178.0	787.3
2 Dibër	482.0	395.3	662.0	376.9	1,199.8	709.2
3 Durrës	711.6	539.4	826.0	510.2	1,550.2	1,016.5
4 Elbasan	585.6	472.2	823.6	476.7	1,573.3	912.7
5 Fier	535.8	330.3	644.3	388.2	1,216.0	746.2
6 Gjirokastrër	576.4	488.7	542.6	336.0	1,010.2	665.3
7 Korçë	796.5	642.3	776.1	493.4	1,451.1	971.9
8 Kukës	411.9	320.5	538.4	384.4	925.7	633.1
9 Lezhë	621.1	487.3	706.8	433.2	1,268.8	825.3
10 Shkodër	707.9	549.7	714.4	471.3	1,295.2	925.2
11 Tirana	700.5	542.5	786.0	496.0	1,512.4	1,007.9
12 Vlorë	717.6	566.1	670.3	424.4	1,226.5	839.1
ALBANIA	633.7	502.8	714.5	444.9	1,329.4	869.9



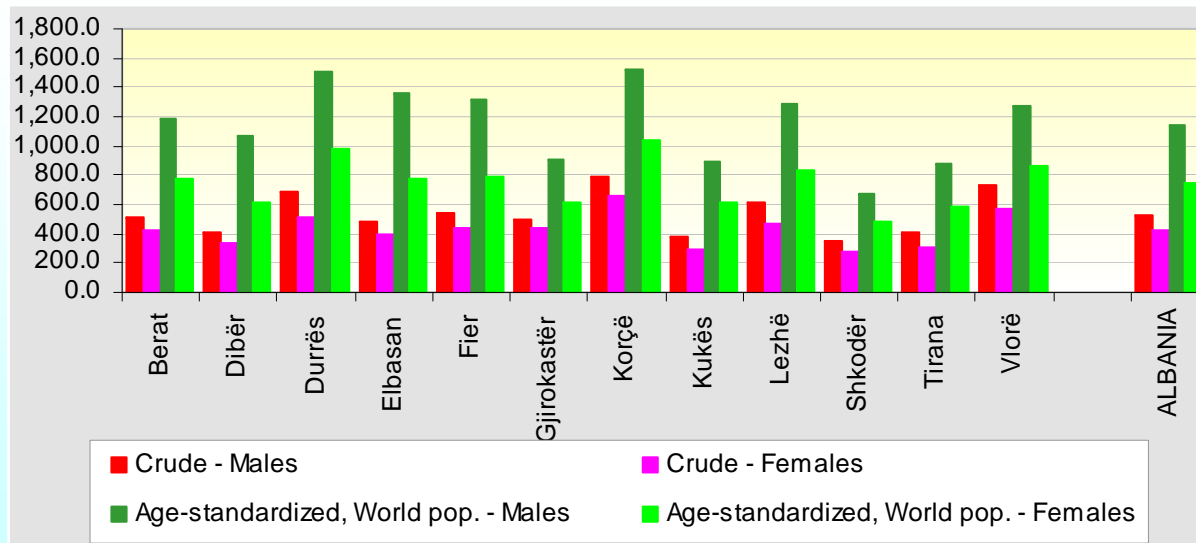
General [=all causes] Mortality Rates (per 100,000 population)
at Region (or Prefecture or Qark) level in Albania in 2006

Regions (Prefectures / Qarks)	Crude		Age-standardized (Country population as standard pop.)		Age-standardized (World population as standard pop.)	
	Males	Females	Males	Females	Males	Females
1 Berat	564.9	494.5	671.4	445.0	1,254.1	883.6
2 Dibër	472.9	403.4	668.3	388.0	1,232.7	745.1
3 Durrës	723.1	566.0	835.4	534.5	1,563.9	1,065.0
4 Elbasan	538.4	448.0	751.6	452.2	1,422.4	859.0
5 Fier	594.9	508.8	726.5	453.8	1,418.8	905.6
6 Gjirokastrër	721.4	654.2	675.8	443.7	1,263.0	888.0
7 Korçë	779.8	666.1	762.3	507.7	1,454.7	1,025.9
8 Kukës	416.2	341.4	560.5	376.3	986.2	699.8
9 Lezhë	643.2	528.9	736.7	496.6	1,339.1	907.3
10 Shkodër	496.2	407.4	499.4	346.8	931.8	700.5
11 Tirana	603.5	490.5	680.2	447.7	1,323.7	922.6
12 Vlorë	637.6	538.8	597.3	399.3	1,128.0	814.2
ALBANIA	601.7	502.6	681.5	442.3	1,287.3	880.4



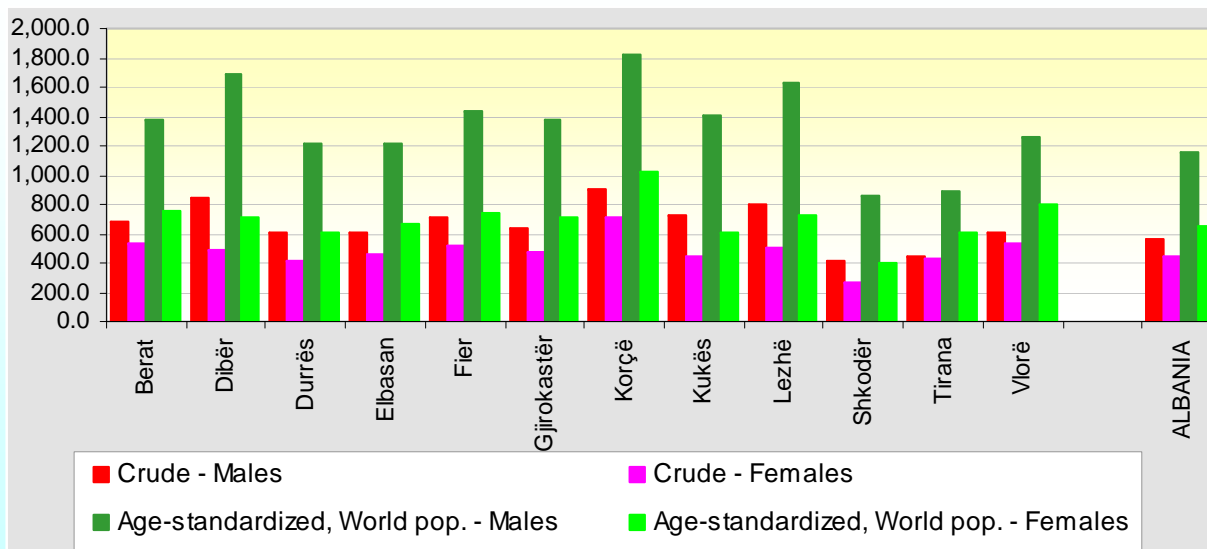
General [=all causes] Mortality Rates (per 100,000 population)
at Region (or Prefecture or Qark) level in Albania in 2007

Regions (Prefectures / Qarks)	Crude		Age-standardized (Country population as standard pop.)		Age-standardized (World population as standard pop.)	
	Males	Females	Males	Females	Males	Females
1 Berat	517.7	430.7	622.7	385.4	1,185.0	781.8
2 Dibër	416.3	330.4	584.2	319.7	1,064.2	608.9
3 Durrës	693.6	516.7	805.0	488.2	1,511.3	982.7
4 Elbasan	490.0	388.1	696.3	390.2	1,354.4	768.3
5 Fier	547.2	442.0	668.8	393.7	1,310.9	791.0
6 Gjirokastrër	500.1	442.9	468.9	296.1	901.0	614.2
7 Korçë	795.3	660.2	785.8	500.5	1,527.1	1,035.3
8 Kukës	377.2	299.7	503.9	321.9	891.7	610.1
9 Lezhë	607.8	471.8	701.5	422.2	1,292.3	827.0
10 Shkodër	354.5	281.7	361.2	238.2	677.9	486.2
11 Tirana	411.9	313.2	461.8	286.2	885.2	584.0
12 Vlorë	734.2	577.6	680.2	428.8	1,272.7	865.3
ALBANIA	528.2	419.2	599.9	367.7	1,140.1	740.3



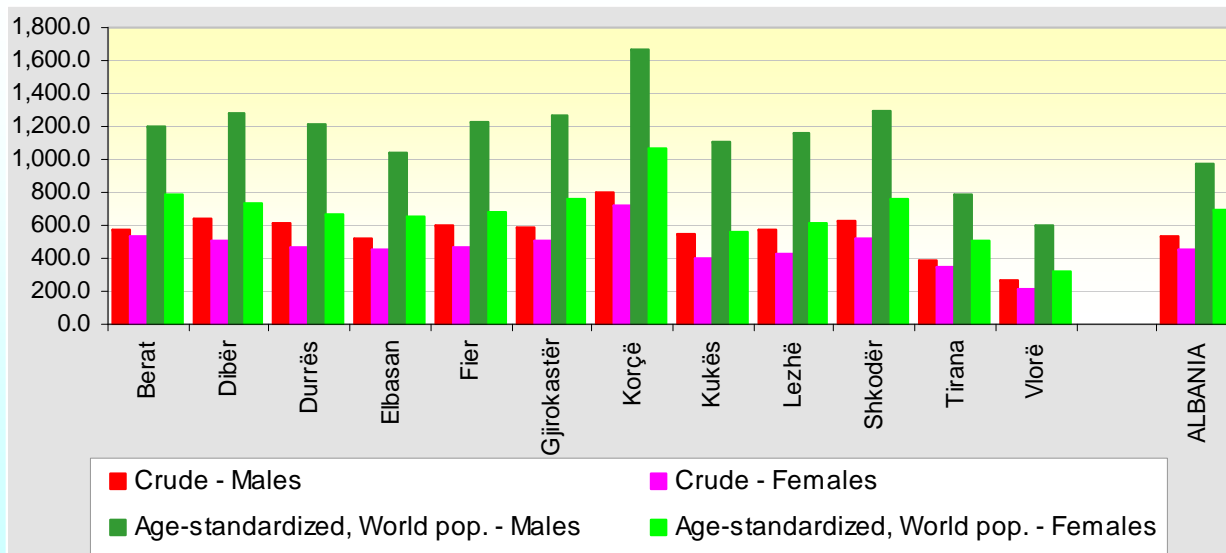
General [=all causes] Mortality Rates (per 100,000 population)
at Region (or Prefecture or *Qark*) level in Albania in **2008**

Regions (Prefectures / <i>Qarks</i>)		Crude		Age-standardized (<i>World</i> population as standard pop.)	
		Males	Females	Males	Females
1	Berat	688.0	527.1	1,374.3	761.5
2	Dibër	839.1	495.7	1,682.9	712.9
3	Durrës	607.8	419.1	1,207.7	603.2
4	Elbasan	603.7	466.2	1,213.8	672.1
5	Fier	709.6	512.6	1,437.0	741.6
6	Gjirokastrë	632.9	478.6	1,371.0	714.8
7	Korçë	896.4	706.1	1,825.3	1,027.0
8	Kukës	726.1	437.5	1,413.7	614.8
9	Lezhë	798.1	498.4	1,636.5	725.9
10	Shkodër	419.6	271.8	865.9	396.7
11	Tirana	447.3	423.1	888.7	607.7
12	Vlorë	604.1	539.6	1,256.8	796.7
ALBANIA		567.3	447.4	1,154.8	645.9



General [=all causes] Mortality Rates (per 100,000 population)
at Region (or Prefecture or *Qark*) level in Albania in **2009**

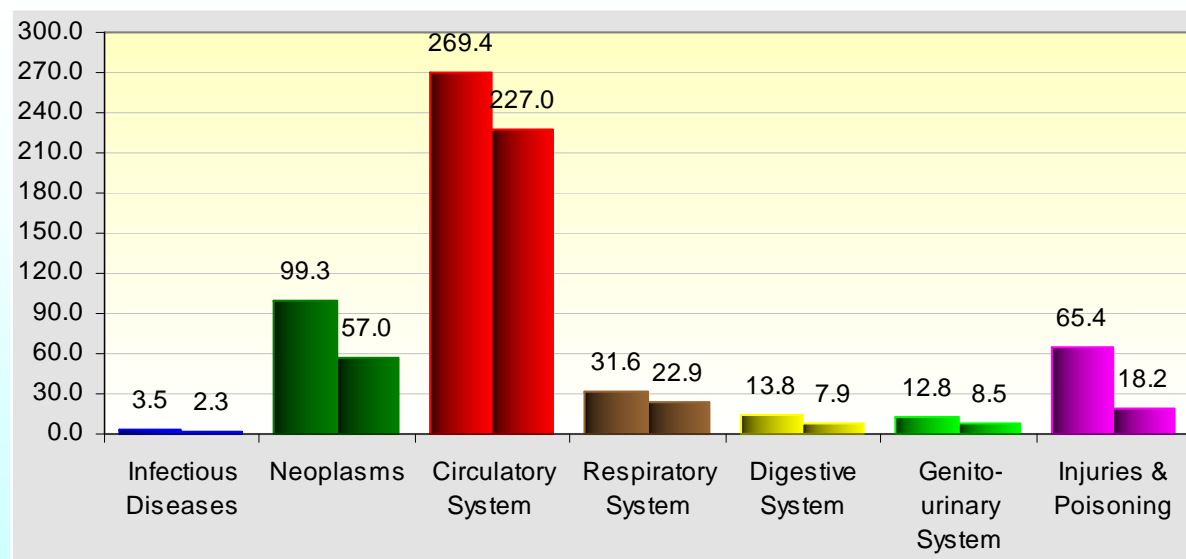
Regions (Prefectures / <i>Qarks</i>)		Crude		Age-standardized (<i>World</i> population as standard pop.)	
		Males	Females	Males	Females
1	Berat	567.4	527.1	1,205.5	784.7
2	Dibër	634.8	509.5	1,280.8	736.4
3	Durrës	607.6	464.8	1,208.4	667.6
4	Elbasan	524.6	457.7	1,046.5	657.3
5	Fier	600.0	464.4	1,228.7	677.9
6	Gjirokastrër	582.0	504.1	1,270.1	763.9
7	Korçë	799.2	720.9	1,670.8	1,066.1
8	Kukës	553.0	394.9	1,101.5	561.9
9	Lezhë	579.1	424.3	1,160.7	610.0
10	Shkodër	628.9	521.9	1,291.2	763.6
11	Tirana	391.3	353.3	792.0	512.7
12	Vlorë	272.7	210.8	595.1	316.3
ALBANIA		533.1	447.4	969.6	696.4



- (ii) crude gender-specific cause-specific (=according to causes [cause-groups] of death) MRs
at prefecture and country level
in each year over the period 2001-2009

Mortality Rates (per 100,000), Crude, Gender-specific, Cause-specific,
at Region (or Prefecture or *Qark*) and Country Level in Albania in **2001**

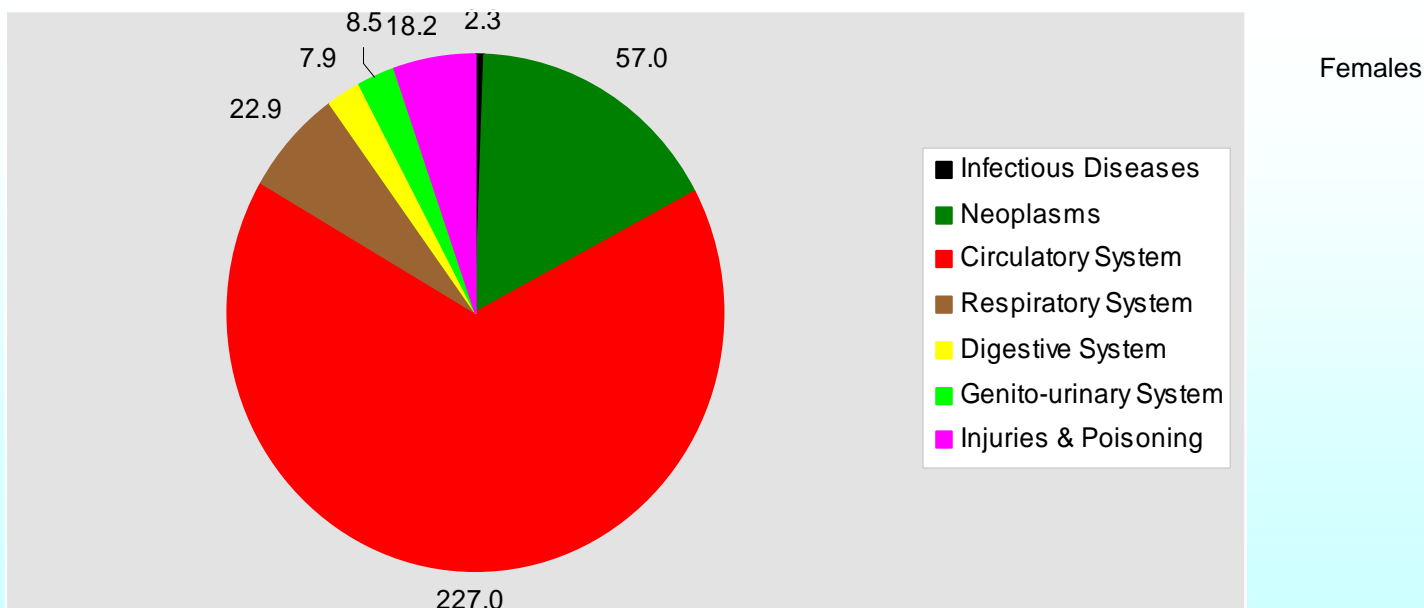
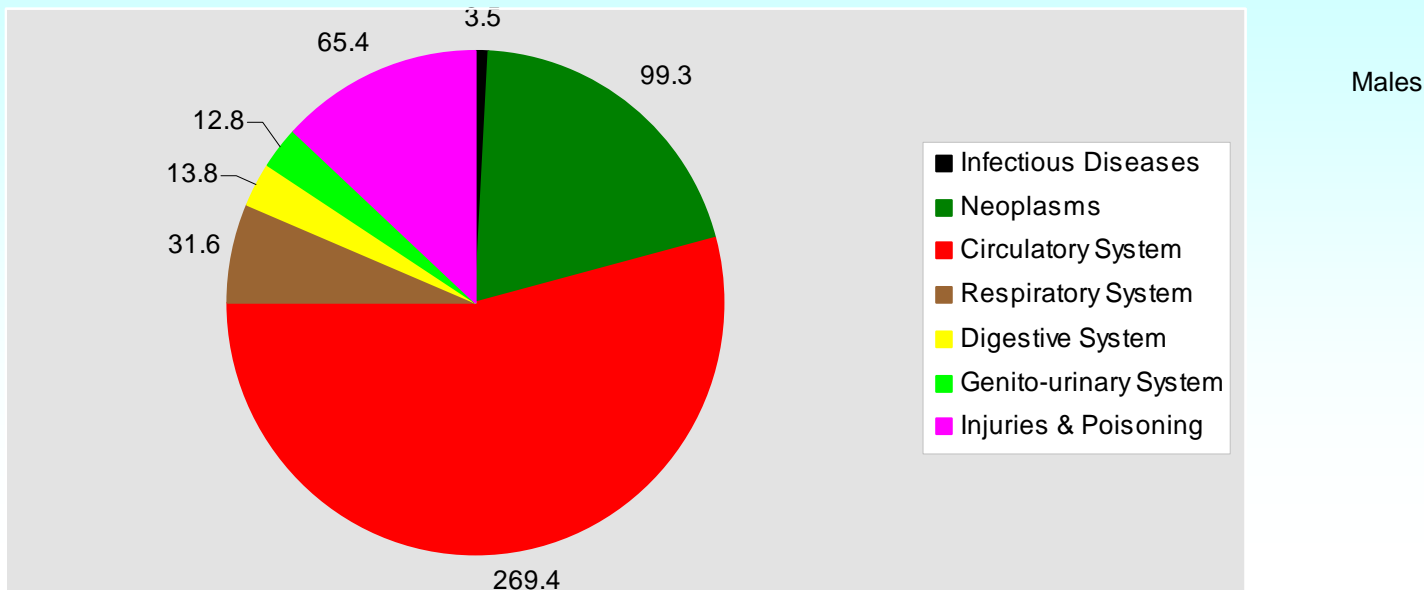
Regions (Prefectures / Qarks)	Infectious Diseases		Neoplasms		Diseases of the Circulatory System		Diseases of the Respiratory System		Diseases of the Digestive System		Diseases of the Genito-urinary System		Injury and Poisoning	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
1 Berat	4.1	2.1	84.0	48.4	235.4	201.6	22.5	17.7	15.4	9.4	16.4	9.4	53.3	15.6
2 Dibër	3.1	1.1	74.0	44.1	231.5	198.7	45.9	34.7	16.7	10.5	14.6	10.5	77.2	22.1
3 Durrës	4.1	2.4	124.3	69.1	285.6	233.6	30.5	20.7	18.1	9.5	18.9	11.9	74.9	20.7
4 Elbasan	4.9	3.9	96.5	57.6	225.4	195.4	46.9	33.8	12.4	7.2	11.9	8.3	53.9	15.5
5 Fier	2.1	1.6	109.0	62.6	253.8	214.4	26.0	19.3	14.0	7.8	9.3	6.8	69.6	19.8
6 Gjirokastrër	3.5	1.8	111.3	63.4	337.6	294.8	15.7	12.3	13.9	8.8	10.4	7.0	73.0	21.1
7 Korçë	3.7	2.3	152.7	90.1	381.3	328.0	38.7	29.6	12.7	7.6	18.6	13.6	66.3	18.2
8 Kukës	3.6	1.8	12.5	7.2	71.2	60.9	10.7	10.7	3.6	1.8	3.6	1.8	49.8	14.3
9 Lezhë	8.9	6.1	79.1	41.8	256.3	208.9	37.0	24.6	17.9	9.8	14.0	9.8	107.1	29.5
10 Shkodër	2.4	0.8	58.6	32.9	166.2	135.4	25.3	16.8	5.5	2.3	6.3	4.6	55.4	15.3
11 Tirana	3.4	2.0	97.2	55.4	286.0	240.0	31.5	22.8	12.7	7.3	11.7	7.3	58.0	15.8
12 Vlorë	4.2	2.1	129.4	72.8	387.2	318.8	21.9	15.4	24.0	12.3	14.6	9.2	66.8	17.4
ALBANIA	3.5	2.3	99.3	57.0	269.4	227.0	31.6	22.9	13.8	7.9	12.8	8.5	65.4	18.2



General [=all causes] Mortality Rates (per 100,000 population)
at Region (or Prefecture or *Qark*) level in Albania in **2001**

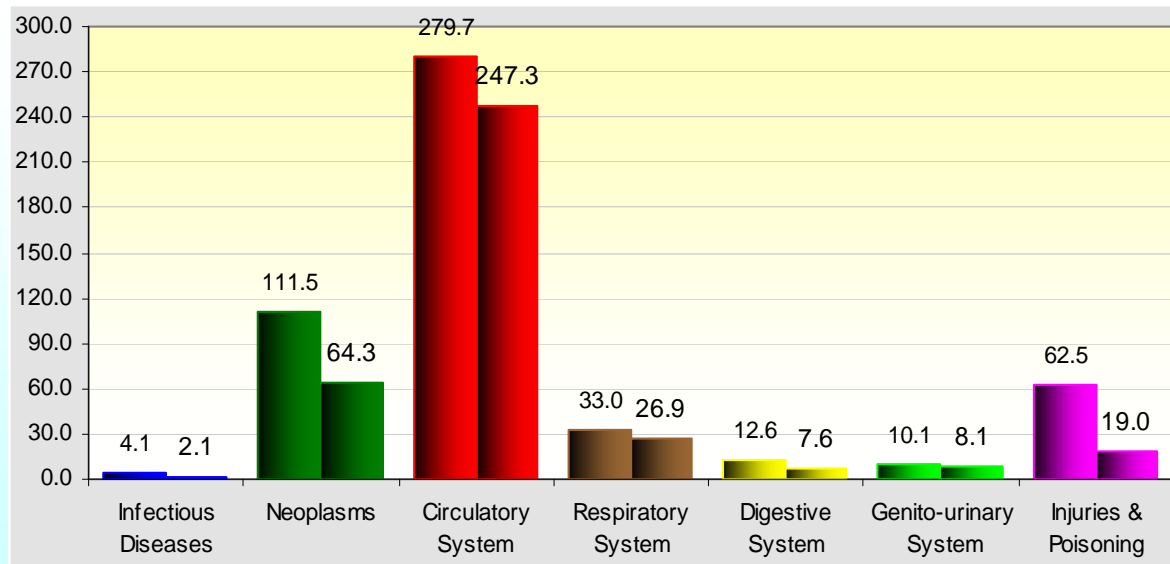
Regions (Prefectures / <i>Qarks</i>)	Crude		Age-standardized (<i>Country</i> population as standard pop.)		Age-standardized (<i>World</i> population as standard pop.)	
	Males	Females	Males	Females	Males	Females
1 Berat	512.3	419.7	546.7	455.5	830.8	574.3
2 Dibër	513.0	407.9	646.0	461.9	963.2	586.4
3 Durrës	649.4	445.0	657.1	457.6	987.5	581.5
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11 Tiranë	563.2	387.1	640.5	371.7	827.3	489.3
12 Vlorë	732.6	574.1	664.9	539.9	925.2	652.9
ALBANIA	569.4	417.8	630.4	418.0	1,101.3	694.2

Mortality Rates (per 100,000), Crude, Gender-specific, Cause-specific,
at Country Level in Albania in 2001

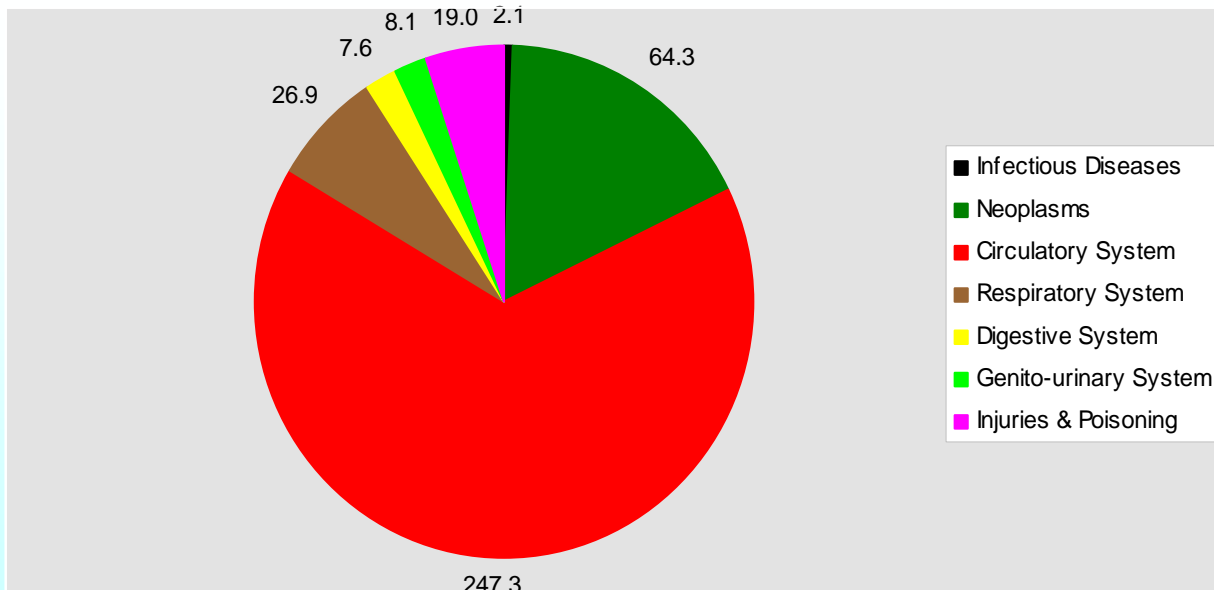
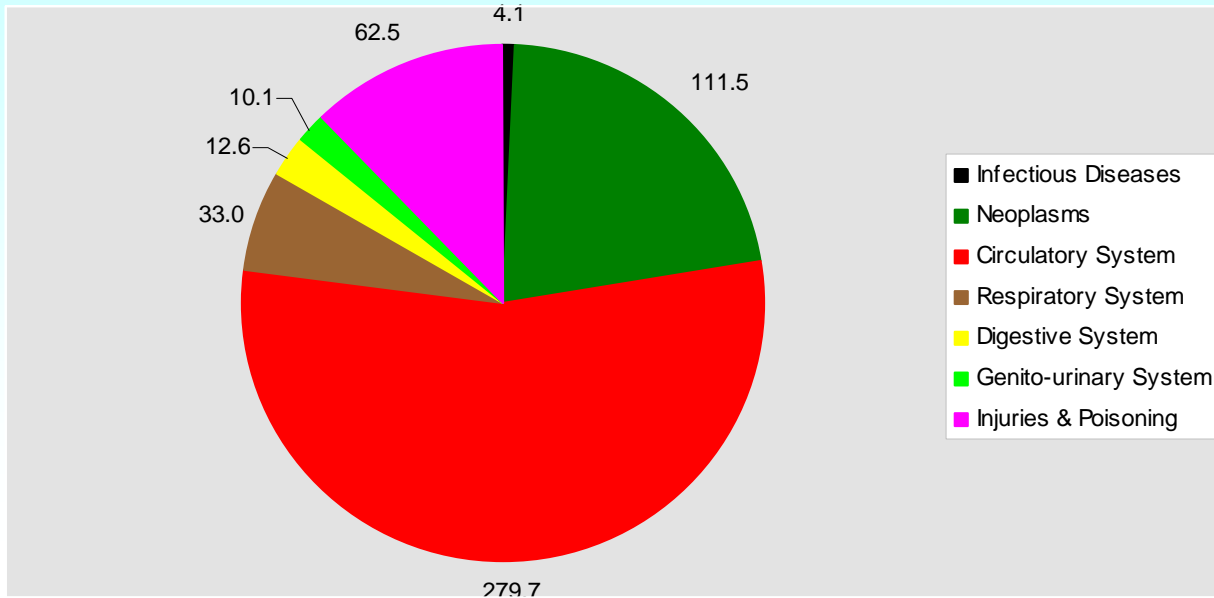


Mortality Rates (per 100,000), Crude, Gender-specific, Cause-specific,
at Region (or Prefecture or Qark) and Country Level in Albania in **2002**

Regions (Prefectures / Qarks)	Infectious Diseases		Neoplasms		Diseases of the Circulatory System		Diseases of the Respiratory System		Diseases of the Digestive System		Diseases of the Genito-urinary System		Injury and Poisoning	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
1 Berat	4.1	2.1	91.4	54.4	243.4	223.8	38.0	27.2	17.5	10.5	15.4	10.5	58.5	20.9
2 Dibër	6.3	3.2	96.7	56.0	204.9	185.9	43.1	31.7	17.9	10.6	15.8	10.6	54.6	19.0
3 Durrës	4.2	1.6	124.0	69.6	290.5	251.3	22.5	16.0	16.6	10.4	16.6	10.4	78.2	25.6
4 Elbasan	4.4	2.2	113.9	67.6	243.7	224.4	52.3	38.5	10.9	6.7	12.5	8.4	50.2	17.9
5 Fier	3.1	1.6	102.3	59.7	220.3	199.0	25.6	17.8	13.1	8.9	12.0	7.3	50.6	17.3
6 Gjirokastrër	5.3	1.8	128.5	75.1	304.4	277.0	29.9	21.4	8.8	5.4	7.0	3.6	65.1	23.2
7 Korçë	5.2	2.3	149.6	88.3	377.0	345.4	34.4	24.3	15.7	9.9	10.5	6.8	68.8	23.6
8 Kukës	1.8	0.0	21.5	12.6	134.5	120.4	19.7	12.6	1.8	1.8	7.2	5.4	44.8	16.2
9 Lezhë	6.4	2.5	93.6	51.7	232.1	199.5	32.1	22.2	11.5	7.4	10.3	6.2	84.6	27.1
10 Shkodër	4.8	2.3	95.1	53.1	251.2	221.8	42.0	28.5	7.1	3.9	3.2	2.3	49.9	16.2
11 Tirana	3.7	2.0	131.4	74.8	338.2	297.6	38.9	26.8	11.8	7.0	10.8	7.0	59.8	20.2
12 Vlorë	2.1	1.0	107.7	61.8	396.2	327.4	20.9	15.4	13.6	8.2	9.4	5.1	77.4	26.8
ALBANIA	4.1	2.1	111.5	64.3	279.7	247.3	33.0	26.9	12.6	7.6	10.1	8.1	62.5	19.0

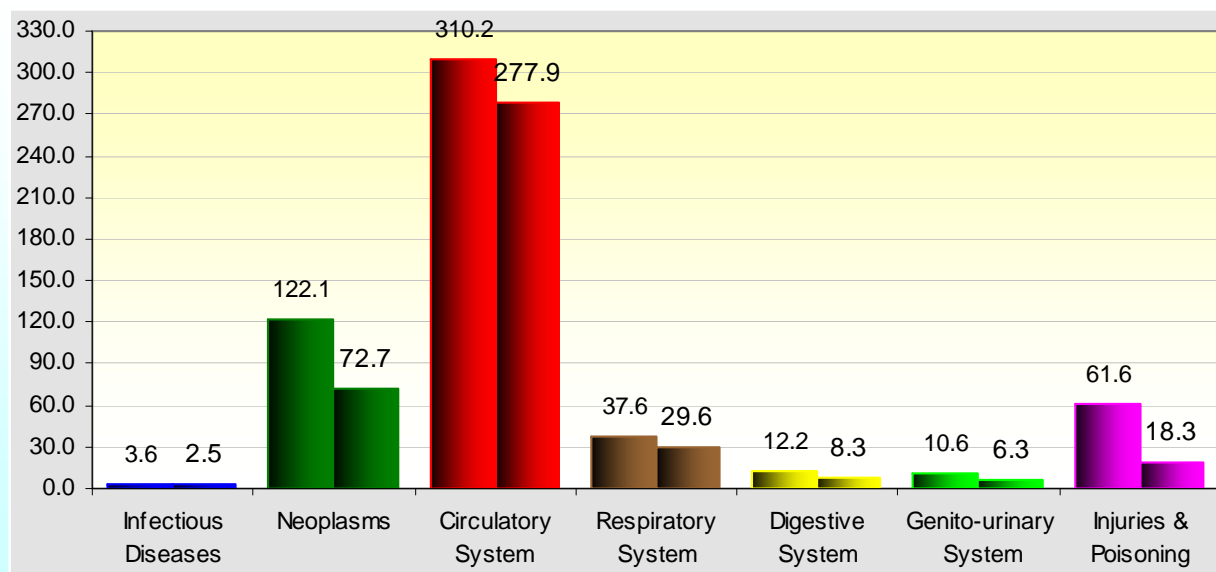


Mortality Rates (per 100,000), Crude, Gender-specific, Cause-specific,
at Country Level in Albania in 2002

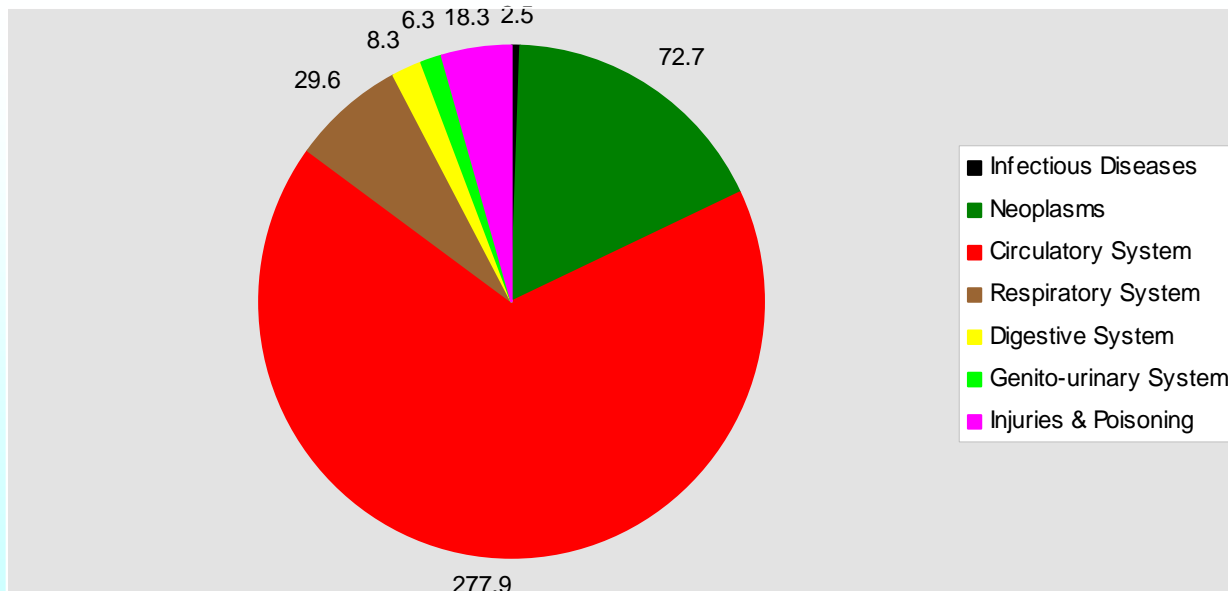
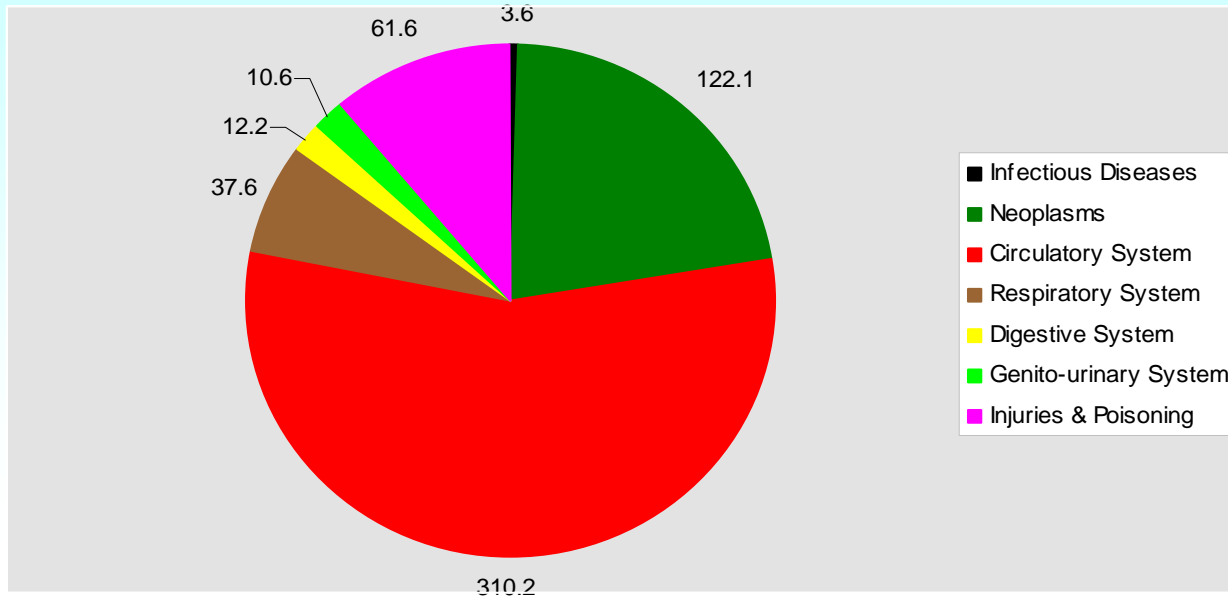


Mortality Rates (per 100,000), Crude, Gender-specific, Cause-specific,
at Region (or Prefecture or Qark) and Country Level in Albania in 2003

Regions (Prefectures / Qarks)	Infectious Diseases		Neoplasms		Diseases of the Circulatory System		Diseases of the Respiratory System		Diseases of the Digestive System		Diseases of the Genito-urinary System		Injury and Poisoning	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
1 Berat	5.1	2.1	94.5	55.4	289.6	266.6	33.9	25.1	12.3	8.4	13.3	9.4	78.0	27.2
2 Dibër	5.3	3.2	121.9	71.8	261.6	238.7	56.7	41.2	12.6	8.4	6.3	4.2	53.6	18.0
3 Durrës	3.3	1.6	151.5	84.8	298.0	258.5	35.0	24.0	18.3	10.4	13.3	8.8	64.1	21.6
4 Elbasan	3.8	1.7	102.5	60.9	191.9	177.0	38.2	27.4	9.3	5.6	7.1	5.0	54.0	19.0
5 Fier	3.7	1.6	132.6	77.5	280.9	253.5	25.6	17.8	10.4	6.3	10.4	6.3	55.9	18.9
6 Gjirokastrër	1.8	1.8	149.6	87.6	304.4	278.8	38.7	26.8	10.6	7.1	15.8	10.7	51.0	17.9
7 Korçë	3.7	2.3	148.1	87.5	402.4	396.0	36.7	26.6	14.2	9.1	11.2	7.6	47.1	16.7
8 Kukës	9.0	5.4	68.2	39.5	283.4	255.2	77.1	53.9	14.4	9.0	17.9	12.6	70.0	23.4
9 Lezhë	3.8	2.5	106.4	59.1	277.0	239.0	53.9	37.0	9.0	6.2	11.5	7.4	100.0	33.3
10 Shkodër	3.2	1.5	118.9	62.4	402.6	352.8	59.4	40.8	11.9	6.9	7.1	3.9	54.7	17.7
11 Tirana	3.7	1.7	125.3	71.5	339.6	299.6	34.1	23.8	12.5	7.6	7.1	4.6	50.0	16.9
12 Vlorë	5.2	2.1	148.5	84.4	381.8	337.7	24.1	16.5	19.9	12.4	15.7	10.3	76.4	25.7
ALBANIA	3.6	2.5	122.1	72.7	310.2	277.9	37.6	29.6	12.2	8.3	10.6	6.3	61.6	18.3

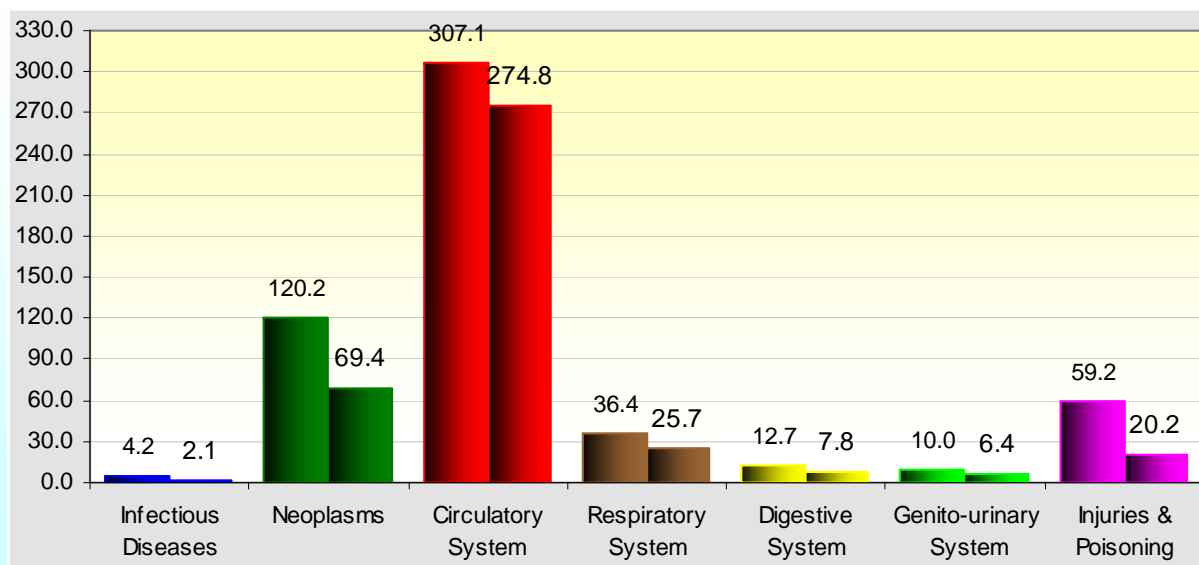


Mortality Rates (per 100,000), Crude, Gender-specific, Cause-specific,
at Country Level in Albania in **2003**

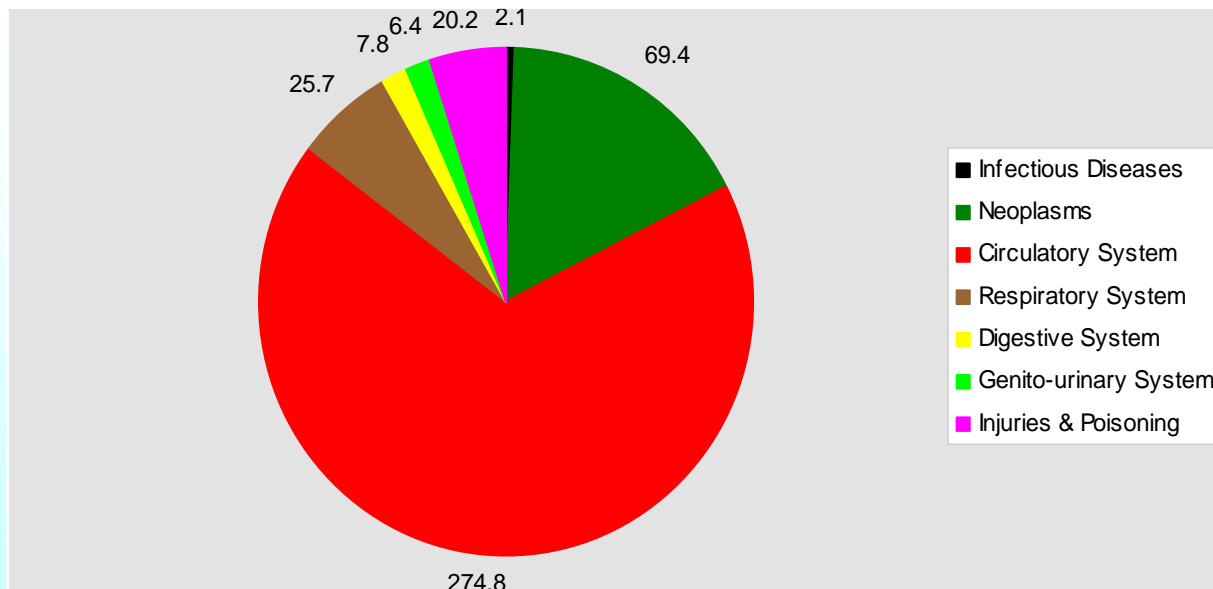
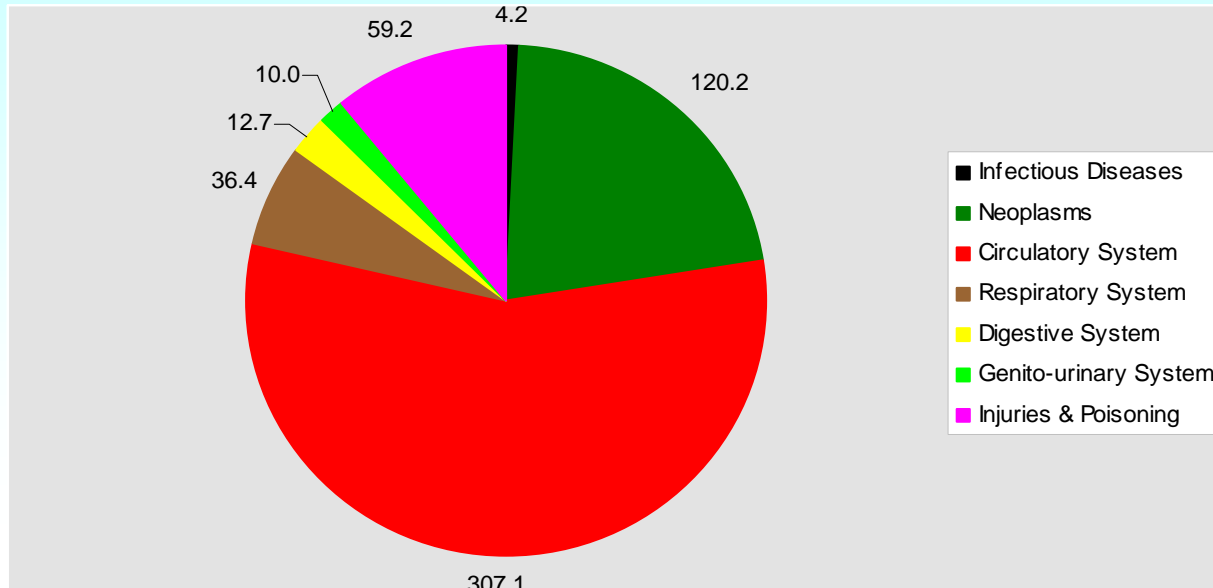


Mortality Rates (per 100,000), Crude, Gender-specific, Cause-specific,
at Region (or Prefecture or *Qark*) and Country Level in Albania in 2004

Regions (Prefectures / Qarks)	Infectious Diseases		Neoplasms		Diseases of the Circulatory System		Diseases of the Respiratory System		Diseases of the Digestive System		Diseases of the Genito-urinary System		Injury and Poisoning	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
1 Berat	3.1	1.0	102.7	60.6	259.8	239.4	17.5	10.5	16.4	10.5	15.4	10.5	62.6	22.0
2 Dibër	7.4	3.2	94.6	56.0	243.8	219.7	55.7	39.1	12.6	8.4	11.6	7.4	60.9	21.1
3 Durrës	3.3	1.6	123.2	72.8	281.3	243.3	27.5	19.2	14.1	8.8	17.5	10.4	65.8	21.6
4 Elbasan	1.6	1.1	101.9	60.9	201.7	185.9	42.0	30.1	10.9	7.3	10.4	6.7	38.2	13.4
5 Fier	5.7	3.1	117.5	68.6	265.7	240.4	29.2	20.9	11.5	6.8	6.3	4.2	68.9	23.6
6 Gjirokastrër	0	0	96.8	57.2	302.7	275.2	28.2	21.4	14.1	8.9	8.8	5.4	59.8	19.7
7 Korçë	3.7	2.3	164.6	96.6	427.9	391.8	29.2	20.5	19.4	12.2	11.2	7.6	57.6	19.8
8 Kukës	9.0	3.6	57.4	34.1	256.5	246.2	41.3	28.8	10.8	5.4	7.2	5.4	55.6	18.0
9 Lezhë	6.4	3.7	103.9	57.9	251.3	218.0	34.6	24.6	9.0	4.9	7.7	4.9	82.1	27.1
10 Shkodër	6.3	3.1	108.6	60.8	352.6	308.1	48.3	33.1	7.9	4.6	4.8	3.1	58.6	20.0
11 Tirana	3.7	2.0	142.6	81.1	356.8	314.5	38.9	26.8	11.1	7.0	10.1	6.3	52.7	17.5
12 Vlorë	2.1	1.0	137.0	78.2	420.5	371.7	34.5	23.7	17.8	11.3	9.4	5.1	70.1	23.7
ALBANIA	4.2	2.1	120.2	69.4	307.1	274.8	36.4	25.7	12.7	7.8	10.0	6.4	59.2	20.2

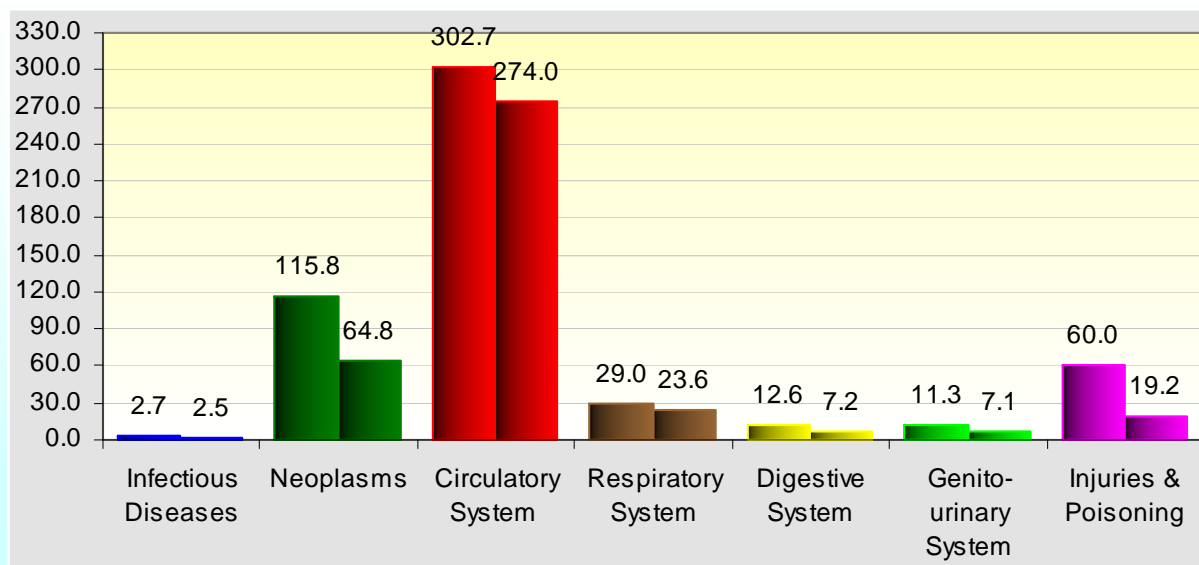


Mortality Rates (per 100,000), Crude, Gender-specific, Cause-specific,
at Country Level in Albania in 2004

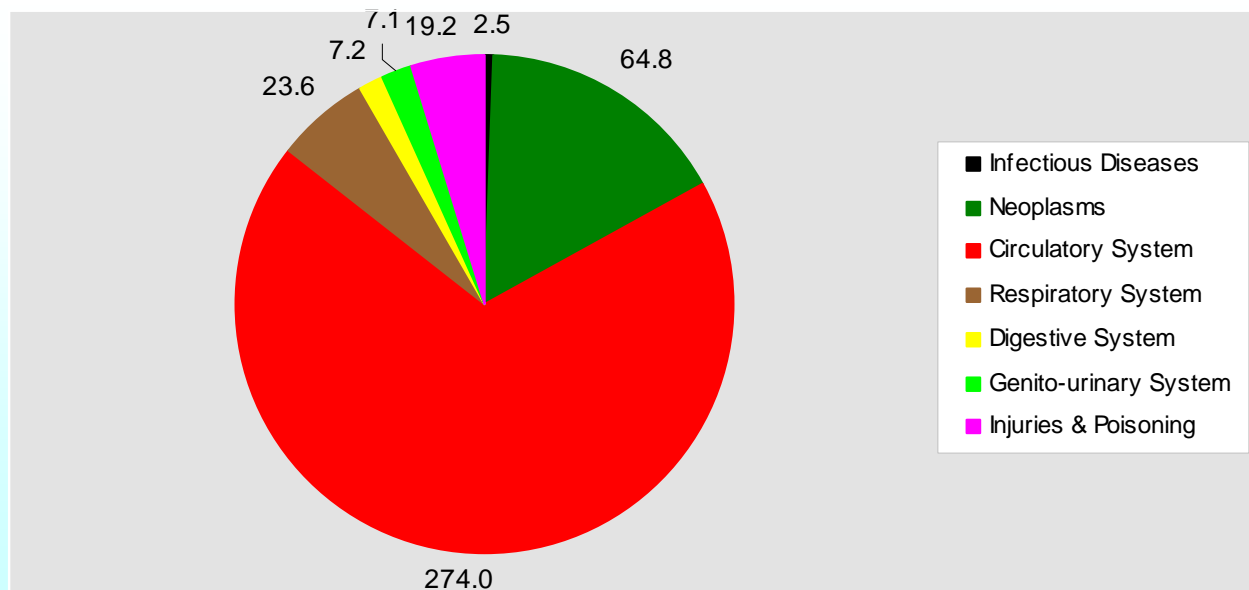
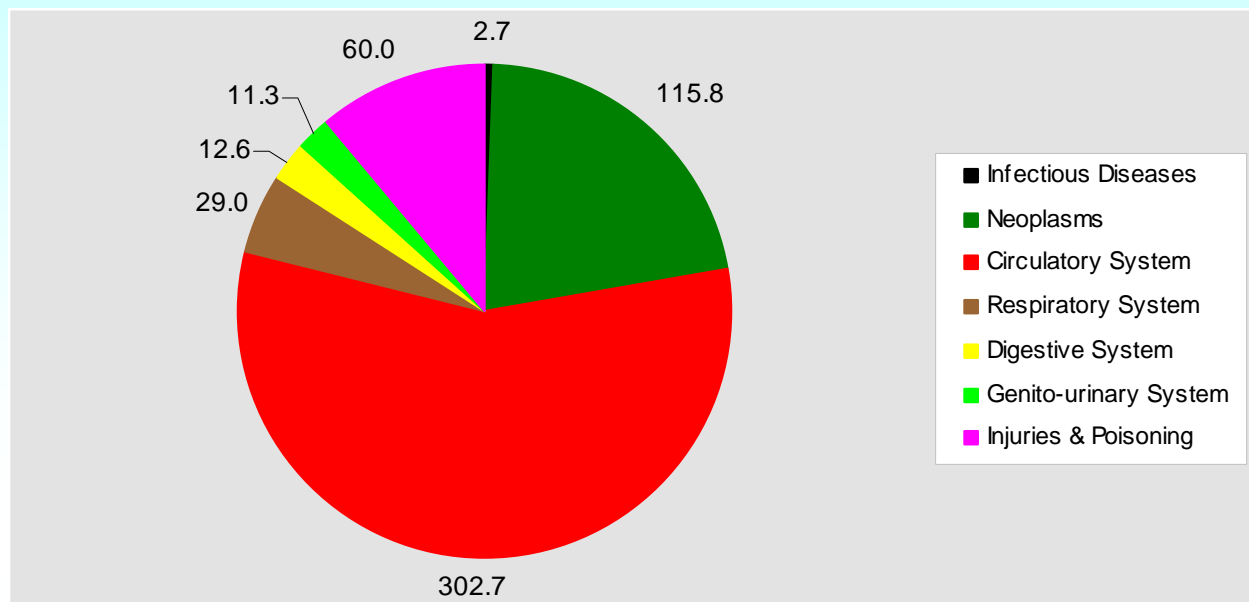


Mortality Rates (per 100,000), Crude, Gender-specific, Cause-specific,
at Region (or Prefecture or Qark) and Country Level in Albania in 2005

Regions (Prefectures / Qarks)	Infectious Diseases		Neoplasms		Diseases of the Circulatory System		Diseases of the Respiratory System		Diseases of the Digestive System		Diseases of the Genito-urinary System		Injury and Poisoning	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
1 Berat	1.0	1.0	90.4	51.2	251.6	233.2	22.6	18.8	13.3	8.4	15.4	10.5	45.2	17.8
2 Dibër	4.2	4.2	79.9	45.4	244.8	223.9	36.8	29.6	13.7	8.4	9.5	6.3	39.9	12.7
3 Durrës	1.7	0.8	141.5	76.8	321.3	281.7	32.5	25.6	11.7	6.4	20.8	12.8	68.3	21.6
4 Elbasan	1.6	1.1	103.6	59.7	212.1	198.2	30.5	25.1	8.7	5.0	9.8	6.7	63.2	20.7
5 Fier	4.7	4.2	101.8	57.1	232.3	226.8	20.4	16.2	12.5	7.3	9.4	5.8	59.0	18.9
6 Gjirokastrër	0	0	109.1	62.6	237.6	218.0	17.6	14.3	12.3	7.1	10.6	5.4	52.8	17.9
7 Korçë	4.5	4.6	146.6	83.7	412.2	381.9	24.7	20.5	15.7	9.1	9.0	6.1	65.8	22.1
8 Kukës	3.6	3.6	39.5	23.4	188.4	170.7	25.1	21.6	1.8	1.8	7.2	5.4	48.4	16.2
9 Lezhë	3.8	3.7	110.3	59.1	259.0	226.6	44.9	34.5	12.8	7.4	9.0	4.9	75.7	23.4
10 Shkodër	1.5	1.5	114.9	63.2	359.0	317.3	33.3	27.0	10.3	5.4	7.1	3.9	63.4	20.0
11 Tirana	2.7	2.3	142.2	78.1	373.0	332.7	33.4	26.8	10.8	6.3	12.8	7.9	56.1	17.5
12 Vlorë	2.1	3.1	125.5	77.2	367.1	354.2	22.0	20.6	28.2	11.3	12.6	8.2	76.4	19.6
ALBANIA	2.7	2.5	115.8	64.8	302.7	274.0	29.0	23.6	12.6	7.2	11.3	7.1	60.0	19.2

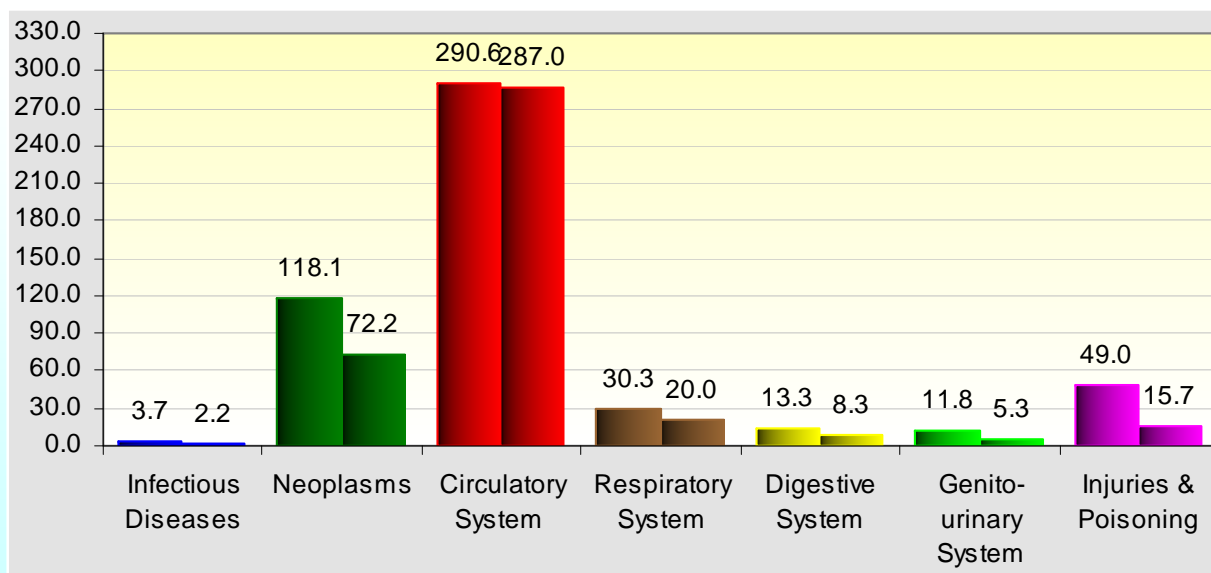


Mortality Rates (per 100,000), Crude, Gender-specific, Cause-specific,
at Country Level in Albania in 2005

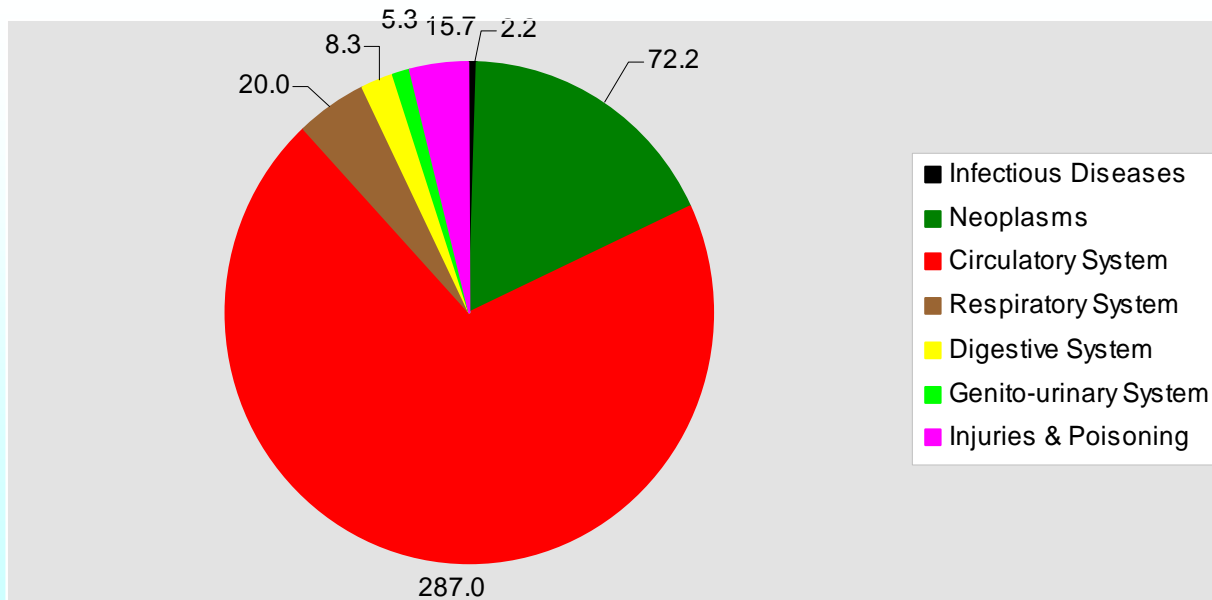
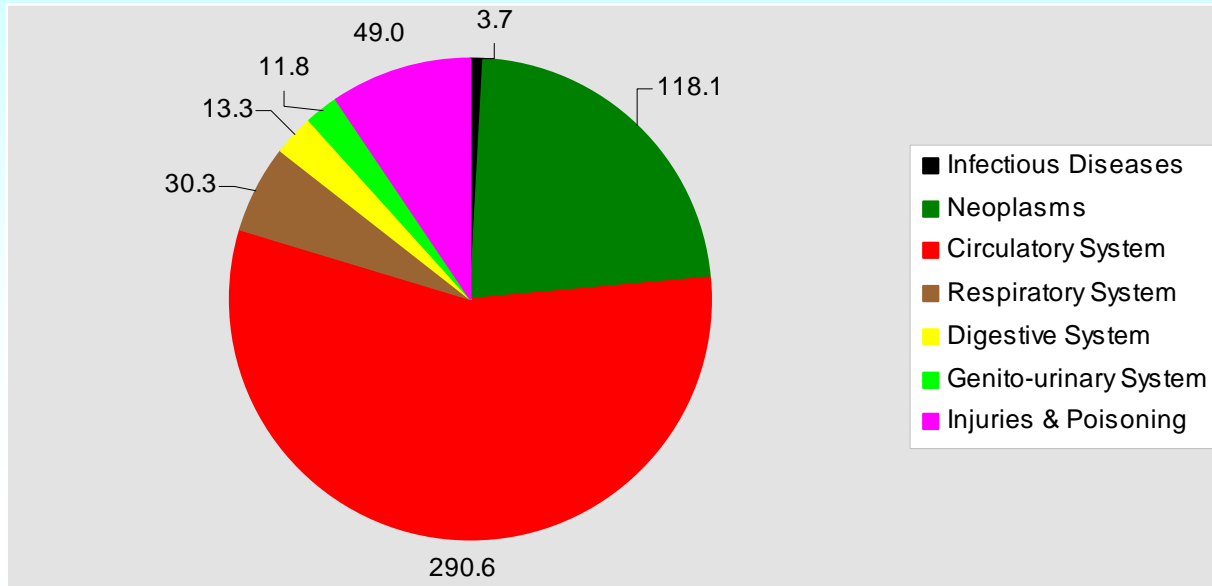


Mortality Rates (per 100,000), Crude, Gender-specific, Cause-specific,
at Region (or Prefecture or Qark) and Country Level in Albania in 2006

Regions (Prefectures / Qarks)	Infectious Diseases		Neoplasms		Diseases of the Circulatory System		Diseases of the Respiratory System		Diseases of the Digestive System		Diseases of the Genito-urinary System		Injury and Poisoning	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
1 Berat	5.1	3.1	100.6	62.7	283.4	280.2	20.5	14.6	18.5	12.5	14.4	6.3	45.2	17.8
2 Dibër	4.2	2.1	82.0	50.7	260.6	254.5	31.5	21.1	12.6	7.4	12.6	5.3	33.6	10.6
3 Durrës	0.8	0.8	141.5	84.0	348.8	324.9	33.3	21.6	17.5	10.4	13.3	5.6	67.4	20.8
4 Elbasan	3.8	2.2	112.9	71.5	214.3	213.3	32.7	21.8	12.0	7.3	10.4	5.0	45.8	15.1
5 Fier	6.3	3.7	126.3	77.5	286.6	278.6	30.3	19.9	13.6	8.9	14.6	6.3	48.0	15.7
6 Gjirokastrër	5.3	3.6	153.1	96.5	306.2	302.1	21.1	14.3	15.8	8.9	10.6	3.6	40.5	14.3
7 Korçë	3.0	2.3	159.3	99.7	410.7	406.3	21.7	15.2	15.7	9.9	14.2	6.1	49.4	16.0
8 Kukës	0	0	57.4	35.9	217.1	210.2	41.3	27.0	3.6	3.6	5.4	1.8	35.9	12.6
9 Lezhë	6.4	3.7	103.9	61.6	287.2	267.3	35.9	23.4	16.7	9.9	7.7	3.7	82.1	24.6
10 Shkodër	2.4	1.5	91.1	54.7	269.4	254.2	23.8	15.4	7.1	4.6	6.3	3.1	33.3	10.8
11 Tirana	3.0	1.7	124.3	74.8	317.3	301.6	26.7	17.2	10.8	6.6	13.5	6.0	49.0	15.6
12 Vlorë	4.2	2.1	120.3	73.1	341.0	326.4	23.0	14.4	16.7	10.3	10.5	4.1	50.2	15.4
ALBANIA	3.7	2.2	118.1	72.2	290.6	287.0	30.3	20.0	13.3	8.3	11.8	5.3	49.0	15.7

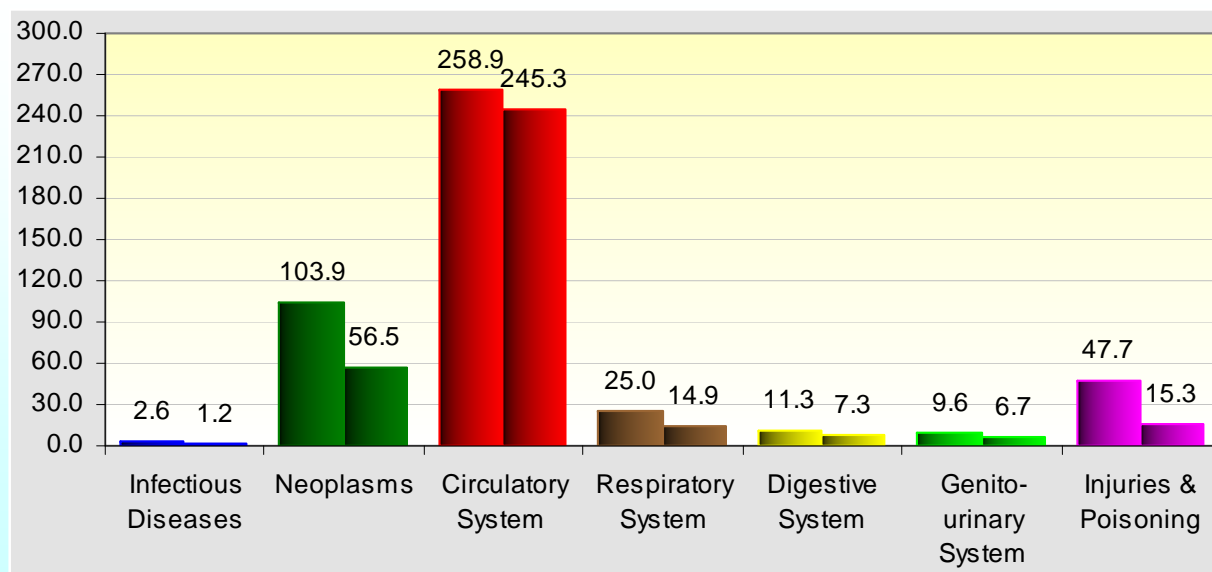


Mortality Rates (per 100,000), Crude, Gender-specific, Cause-specific,
at Country Level in Albania in 2006

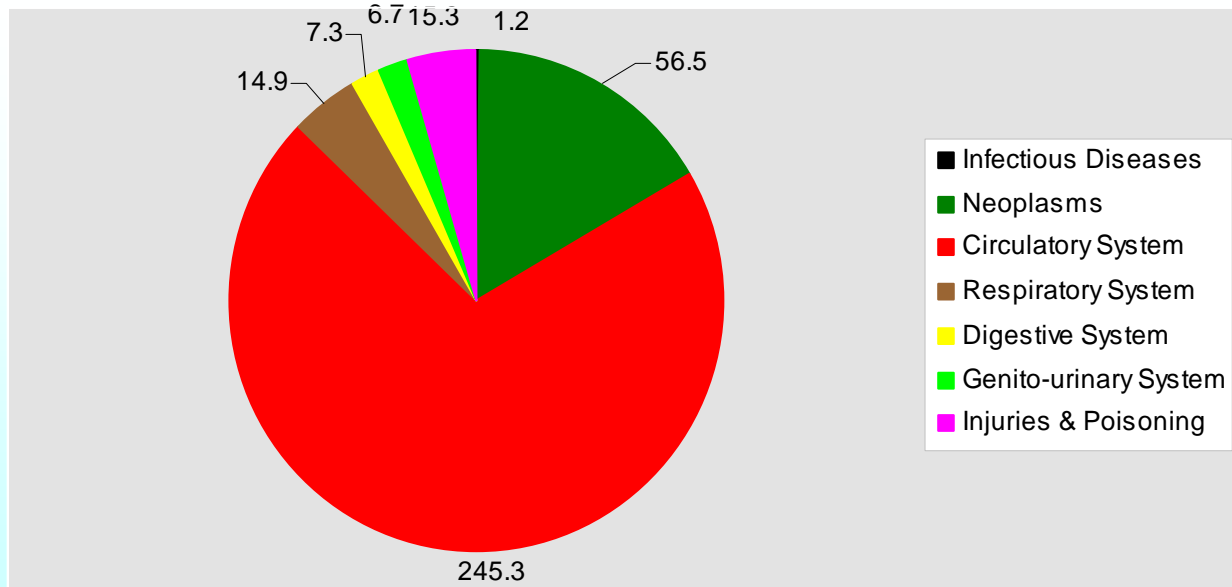
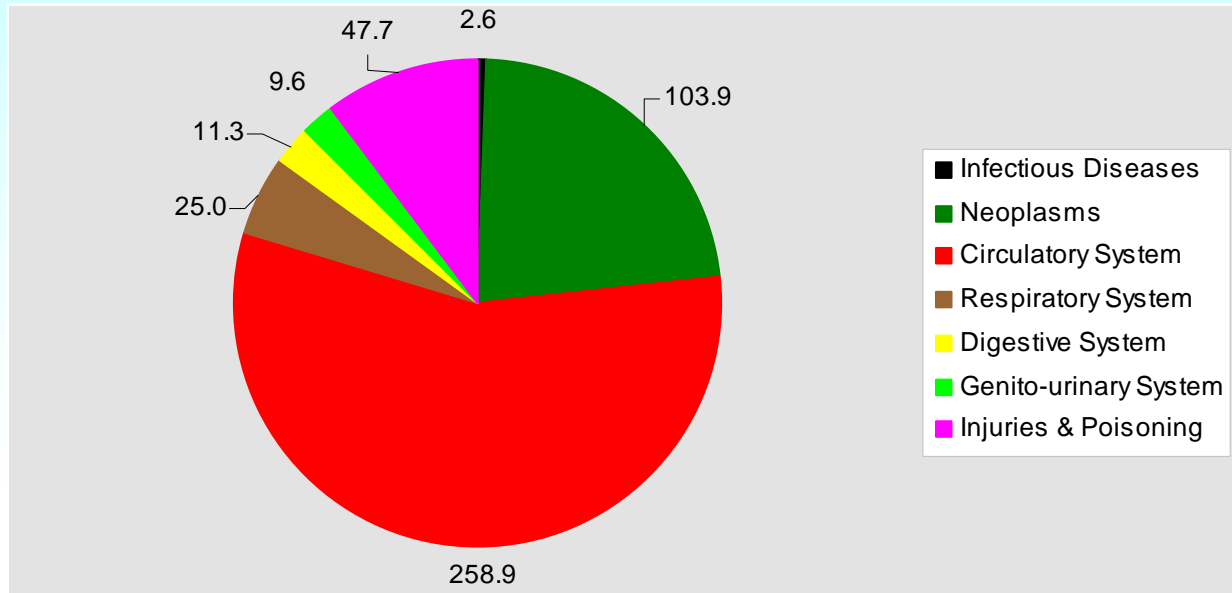


Mortality Rates (per 100,000), Crude, Gender-specific, Cause-specific,
at Region (or Prefecture or Qark) and Country Level in Albania in 2007

Regions (Prefectures / Qarks)	Infectious Diseases		Neoplasms		Diseases of the Circulatory System		Diseases of the Respiratory System		Diseases of the Digestive System		Diseases of the Genito-urinary System		Injury and Poisoning	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
1 Berat	3.1	2.1	93.4	52.3	269.0	261.4	26.7	15.7	9.2	6.3	11.3	7.3	45.2	17.8
2 Dibër	3.2	1.1	82.0	44.4	241.4	205.9	21.0	12.7	11.6	8.4	11.6	7.4	35.7	11.6
3 Durrës	1.7	0.8	144.0	76.0	304.6	278.5	24.1	14.4	13.3	8.0	14.1	9.6	74.1	23.2
4 Elbasan	2.7	1.7	96.5	54.2	212.6	207.7	16.9	10.6	7.6	5.0	8.2	5.6	42.0	14.0
5 Fier	3.7	1.6	113.3	62.3	264.7	252.4	24.0	14.7	14.6	9.4	12.0	8.4	47.5	15.2
6 Gjirokastrër	0	0	116.1	64.3	195.3	187.7	24.6	14.3	12.3	8.9	3.5	1.8	29.9	8.9
7 Korçë	3.0	1.5	155.6	86.0	419.6	406.3	44.9	27.4	18.0	11.4	13.5	9.1	56.9	18.3
8 Kukës	5.4	1.8	59.2	32.3	184.8	177.9	37.7	21.6	7.2	5.4	3.6	1.8	26.9	7.2
9 Lezhë	1.3	1.2	106.4	55.4	278.3	255.0	35.9	20.9	15.4	9.9	10.3	7.4	93.6	28.3
10 Shkodër	2.4	0.8	60.2	31.6	195.7	181.8	15.1	9.2	7.9	5.4	4.0	3.1	25.4	7.7
11 Tirana	1.7	0.7	85.8	46.0	210.2	196.3	20.3	11.9	6.4	4.0	8.4	5.6	41.9	13.2
12 Vlorë	4.2	2.1	140.2	75.2	387.0	363.4	29.3	16.5	19.9	12.4	12.6	8.2	62.8	19.6
ALBANIA	2.6	1.2	103.9	56.5	258.9	245.3	25.0	14.9	11.3	7.3	9.6	6.7	47.7	15.3

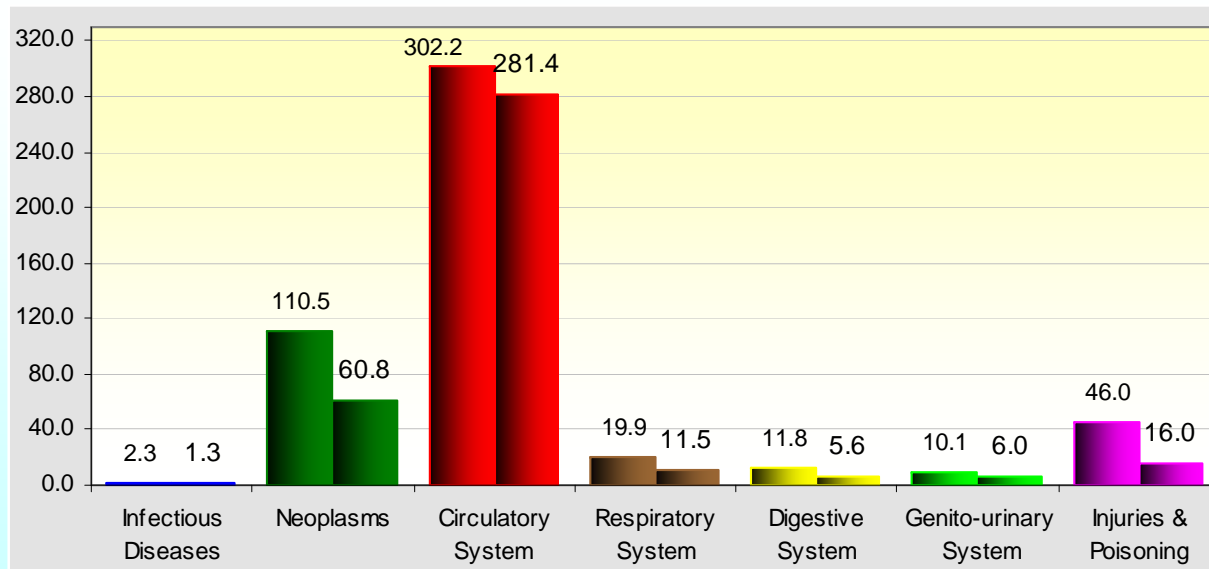


Mortality Rates (per 100,000), Crude, Gender-specific, Cause-specific,
at Country Level in Albania in 2007

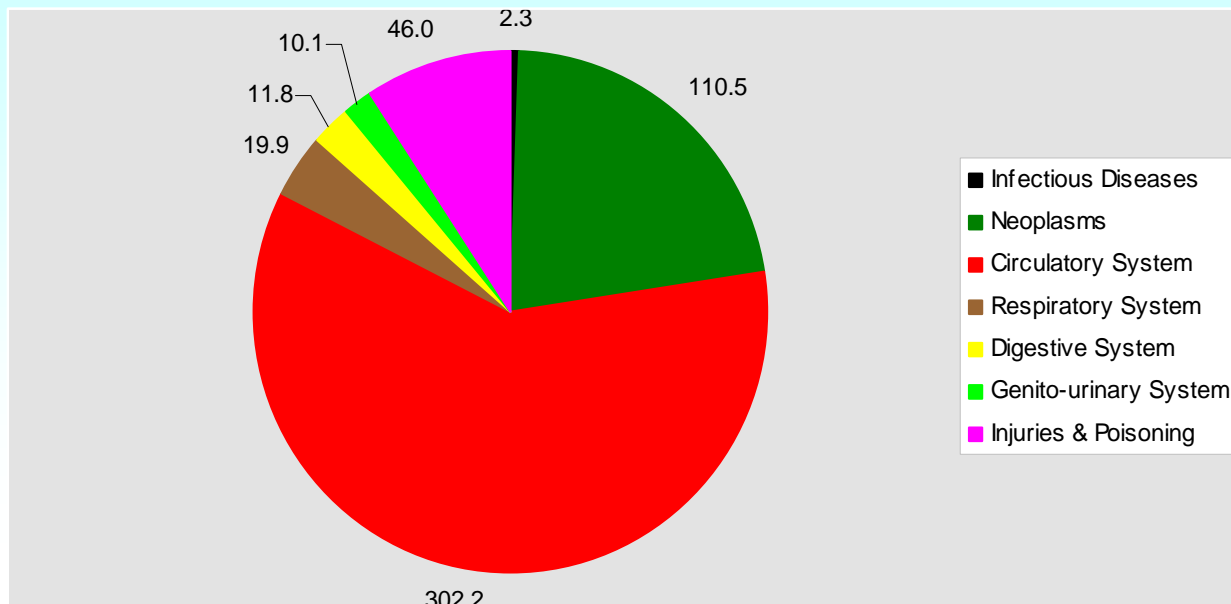


Mortality Rates (per 100,000), Crude, Gender-specific, Cause-specific,
at Region (or Prefecture or Qark) and Country Level in Albania in 2008

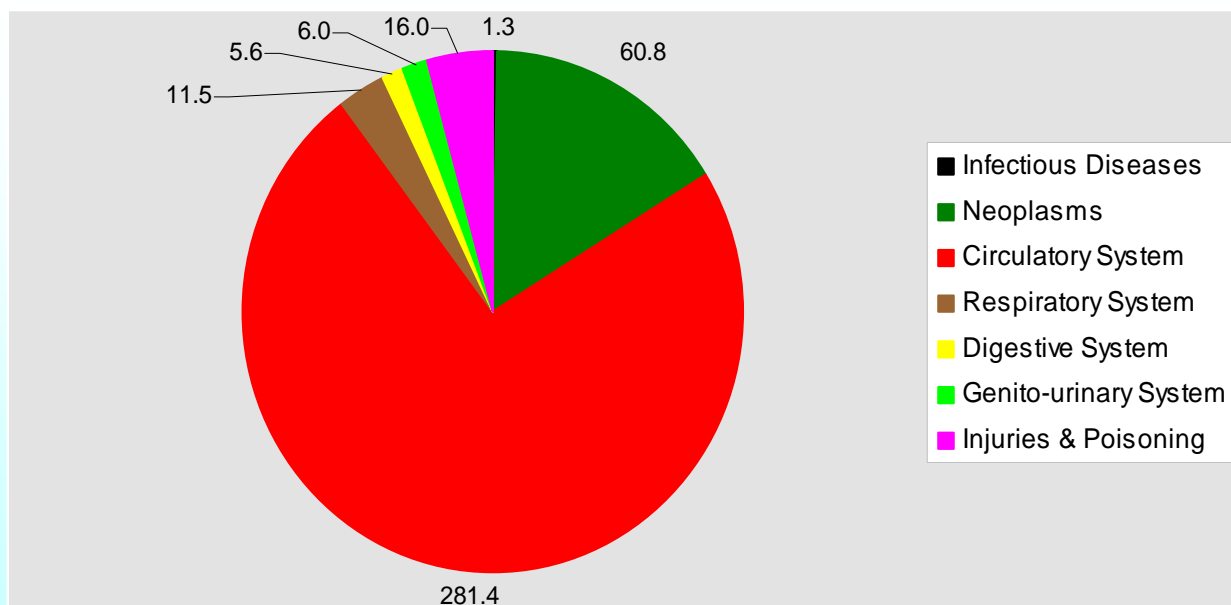
Regions (Prefectures / Qarks)	Infectious Diseases		Neoplasms		Diseases of the Circulatory System		Diseases of the Respiratory System		Diseases of the Digestive System		Diseases of the Genito-urinary System		Injury and Poisoning	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
1 Berat	2.6	2.5	140.5	93.2	343.7	322.4	19.8	10.9	19.8	8.3	18.3	10.8	49.4	15.1
2 Dibër	10.2	4.3	284.3	206.1	377.3	325.9	49.3	24.9	26.1	8.4	27.1	11.7	104.4	23.6
3 Durrës	1.3	1.4	129.5	64.4	272.4	245.4	15.5	10.7	12.4	6.2	13.7	8.7	59.4	22.1
4 Elbasan	1.4	0.7	113.9	80.2	288.6	273.9	21.0	12.9	12.1	5.8	13.0	6.9	46.5	14.0
5 Fier	2.2	1.2	166.2	120.7	323.1	303.5	27.1	14.6	13.4	6.4	13.5	7.4	62.2	18.6
6 Gjirokastrër	4	4	119.2	81.9	296.8	278.5	15.6	10.3	6.8	3.1	4.1	4.0	41.3	13.7
7 Korçë	2.8	1.6	175.4	112.3	473.3	436.3	23.0	12.8	22.8	9.4	17.4	9.6	59.7	18.4
8 Kukës	7.9	0.0	147.5	106.8	264.8	233.0	42.4	22.3	7.9	0.0	8.0	0.0	86.2	17.9
9 Lezhë	4.1	1.7	149.8	103.9	315.5	276.3	49.8	23.9	23.3	9.1	8.5	4.5	86.4	23.8
10 Shkodër	1.7	1.1	65.5	43.1	210.7	198.8	11.8	6.8	9.4	3.5	10.1	5.0	36.9	11.2
11 Tirana	2.2	1.2	102.9	38.2	255.0	246.2	20.3	15.6	8.2	5.7	8.6	6.7	45.0	21.8
12 Vlorë	4.4	0.7	112.3	43.9	336.8	305.9	16.3	10.1	18.9	11.0	7.3	4.4	47.7	19.2
ALBANIA	2.3	1.3	110.5	60.8	302.2	281.4	19.9	11.5	11.8	5.6	10.1	6.0	46.0	16.0



Mortality Rates (per 100,000), Crude, Gender-specific, Cause-specific,
at Country Level in Albania in 2008



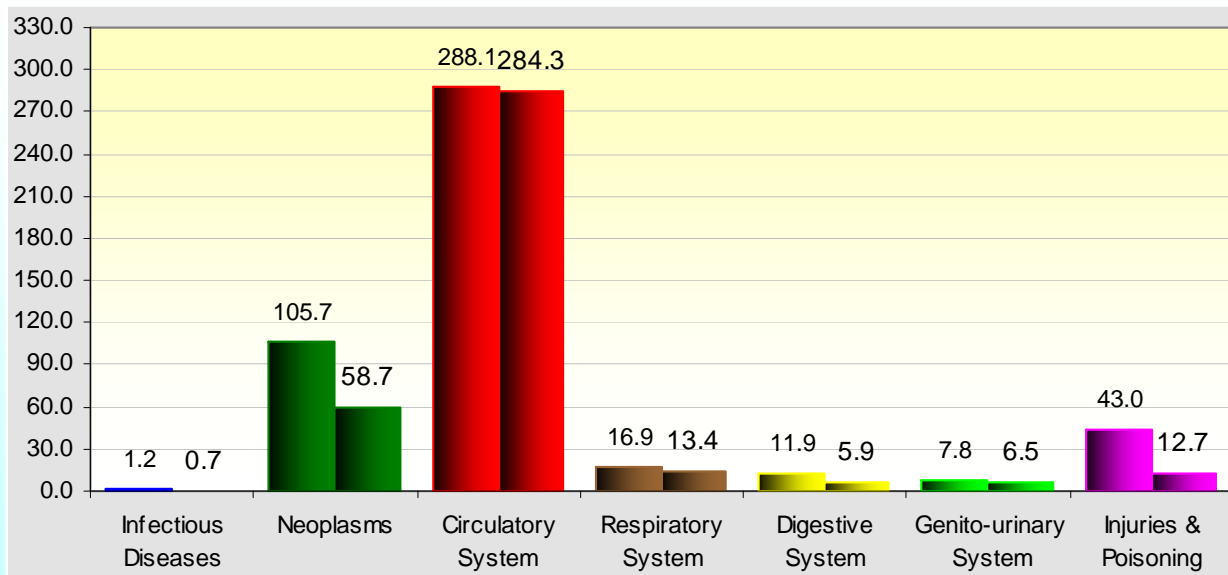
Males



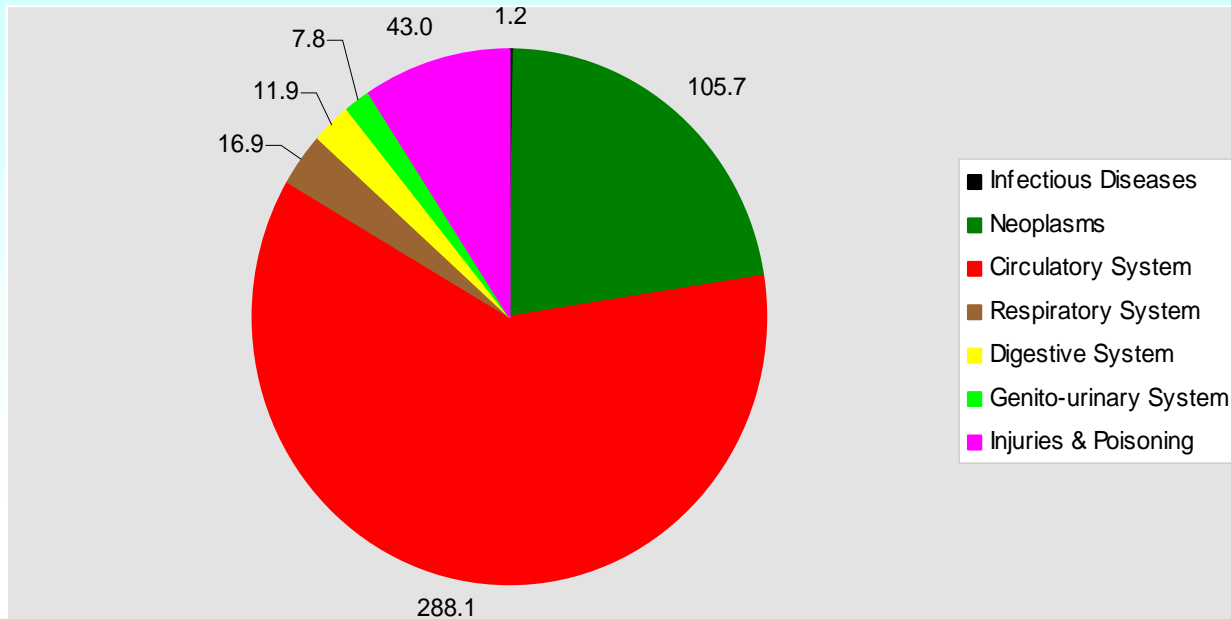
Females

Mortality Rates (per 100,000), Crude, Gender-specific, Cause-specific, at Region (or Prefecture or Qark) and Country Level in Albania in 2009

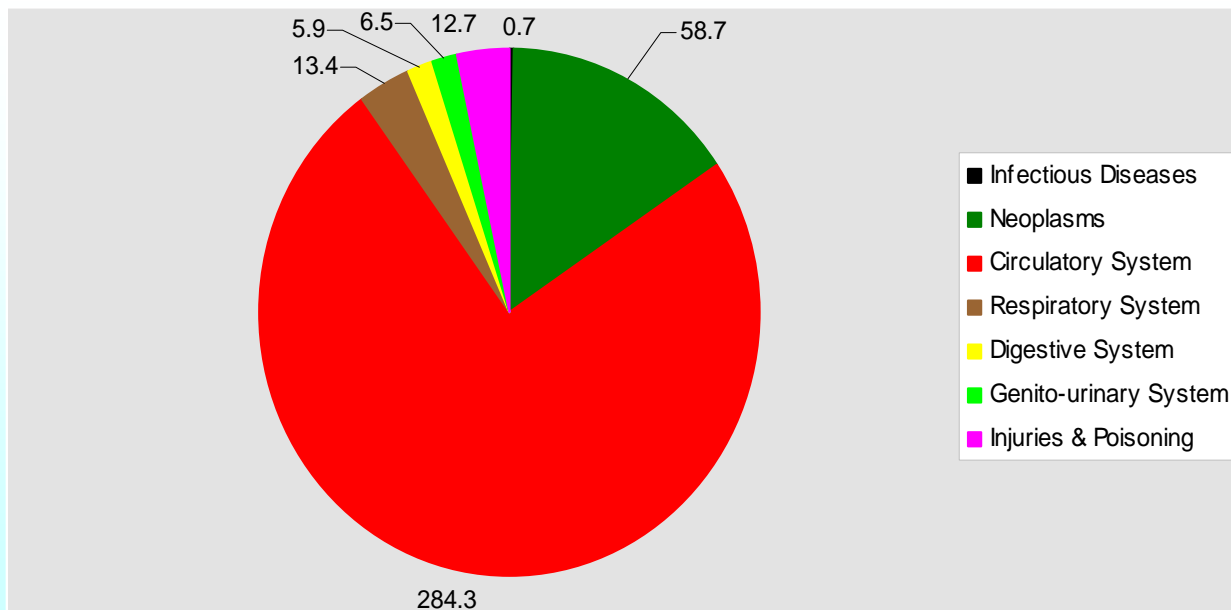
Regions (Prefectures / Qarks)	Infectious Diseases		Neoplasms		Diseases of the Circulatory System		Diseases of the Respiratory System		Diseases of the Digestive System		Diseases of the Genito-urinary System		Injury and Poisoning	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
1 Berat	1.2	0.0	118.8	65.9	332.1	330.6	19.8	14.1	14.0	7.1	14.0	11.8	30.3	9.4
2 Dibër	5.9	2.8	146.5	75.9	371.4	341.0	17.8	13.8	14.8	6.9	7.4	6.9	42.9	11.0
3 Durrës	0.7	0.6	124.4	66.6	293.3	279.0	18.3	14.0	15.1	7.6	9.8	7.6	59.6	17.1
4 Elbasan	0.6	1.2	103.3	58.3	255.1	256.8	13.9	11.2	15.0	7.7	5.2	4.1	42.1	13.0
5 Fier	0.5	0.5	129.1	72.1	296.0	296.0	21.8	17.8	11.2	5.4	9.0	7.5	49.4	15.1
6 Gjirokastrër	1.9	2.0	116.4	64.7	261.9	260.9	11.6	7.8	15.5	7.8	5.8	3.9	38.8	11.8
7 Korçë	0.8	0.8	158.3	87.4	467.1	456.4	21.1	16.2	17.2	8.5	11.7	9.3	49.1	14.7
8 Kukës	5.2	7.4	77.9	41.7	293.4	272.3	36.3	27.0	10.4	4.9	7.8	4.9	38.9	12.3
9 Lezhë	1.3	2.4	97.4	51.4	275.3	256.8	33.8	25.7	14.3	6.1	14.3	11.0	72.7	19.6
10 Shkodër	0.8	0.8	102.5	57.3	386.7	386.9	13.7	11.5	16.1	8.2	4.0	3.3	47.6	13.9
11 Tirana	0.2	0.0	80.2	46.4	230.7	236.0	12.5	10.4	6.9	3.6	6.4	5.4	32.9	9.9
12 Vlorë	1.9	0.0	52.6	28.9	137.8	131.5	7.7	5.6	4.8	7.5	4.8	3.7	27.8	7.5
ALBANIA	1.2	0.7	105.7	58.7	288.1	284.3	16.9	13.4	11.9	5.9	7.8	6.5	43.0	12.7



Mortality Rates (per 100,000), Crude, Gender-specific, Cause-specific,
at Country Level in Albania in 2009



Males



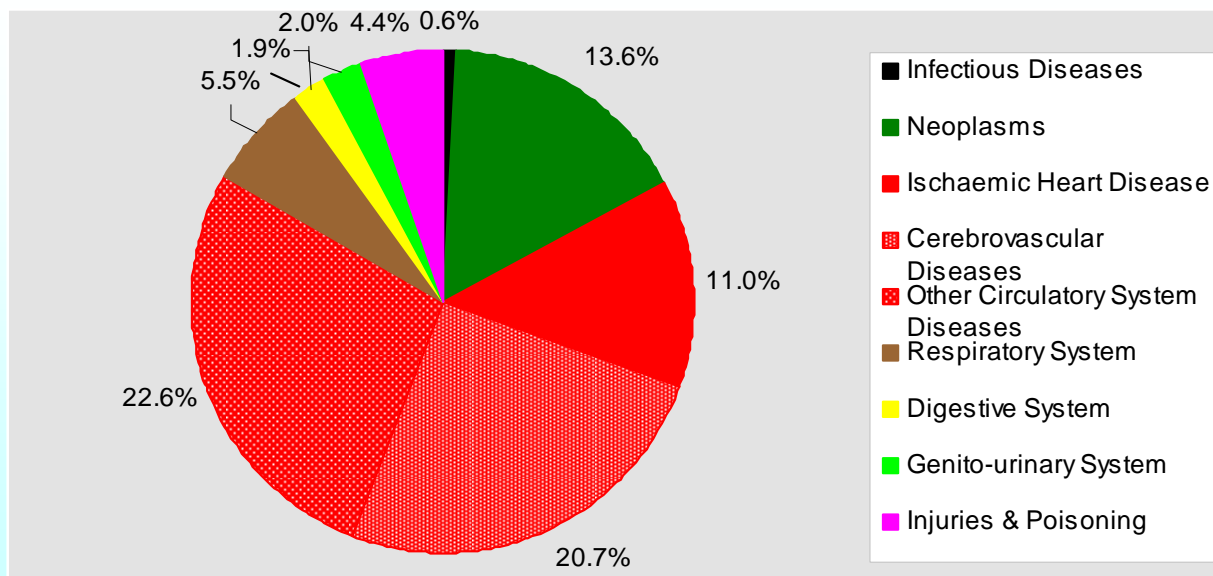
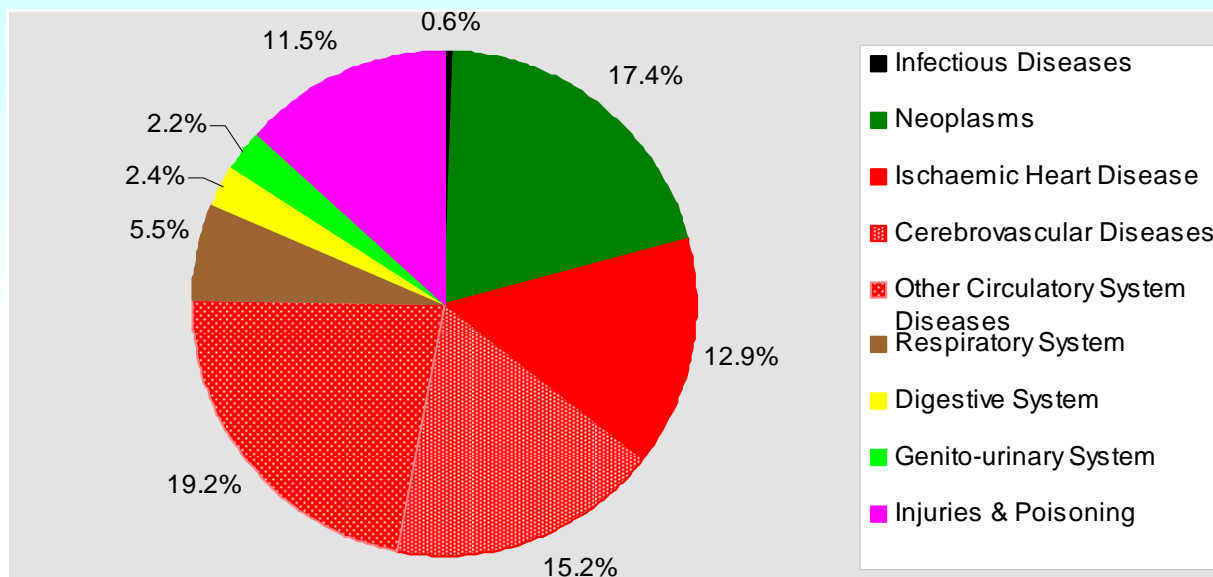
Females

- (iii) proportion (as percentage %) of crude gender-specific cause-specific MRs towards crude general gender-specific MRs in each year over the period 2001-2009

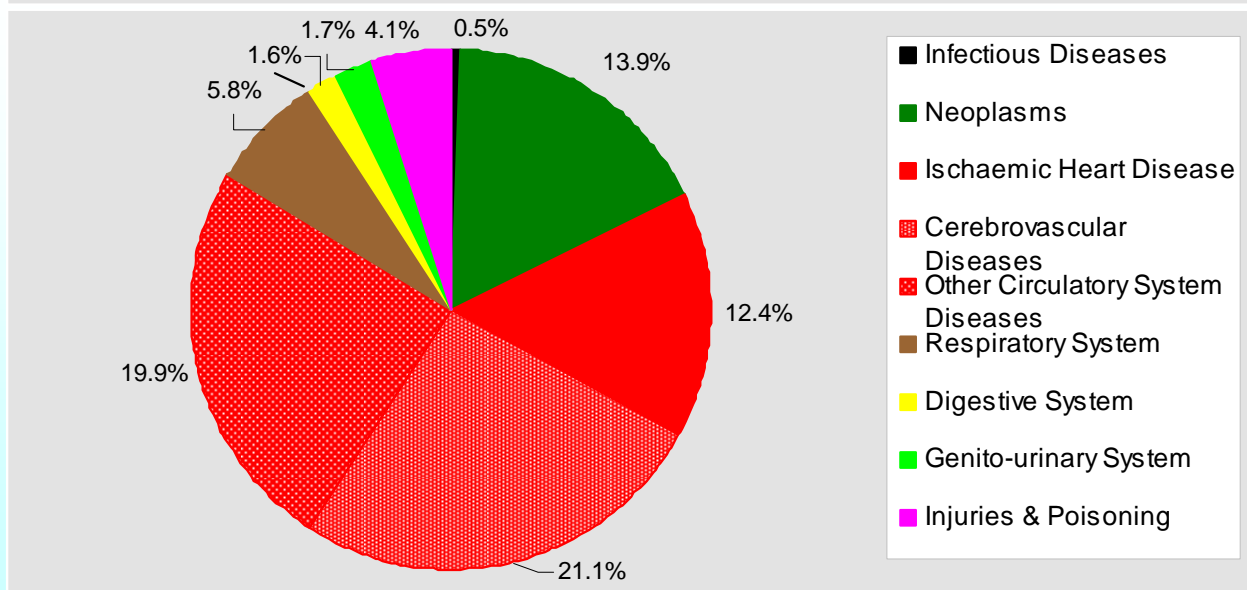
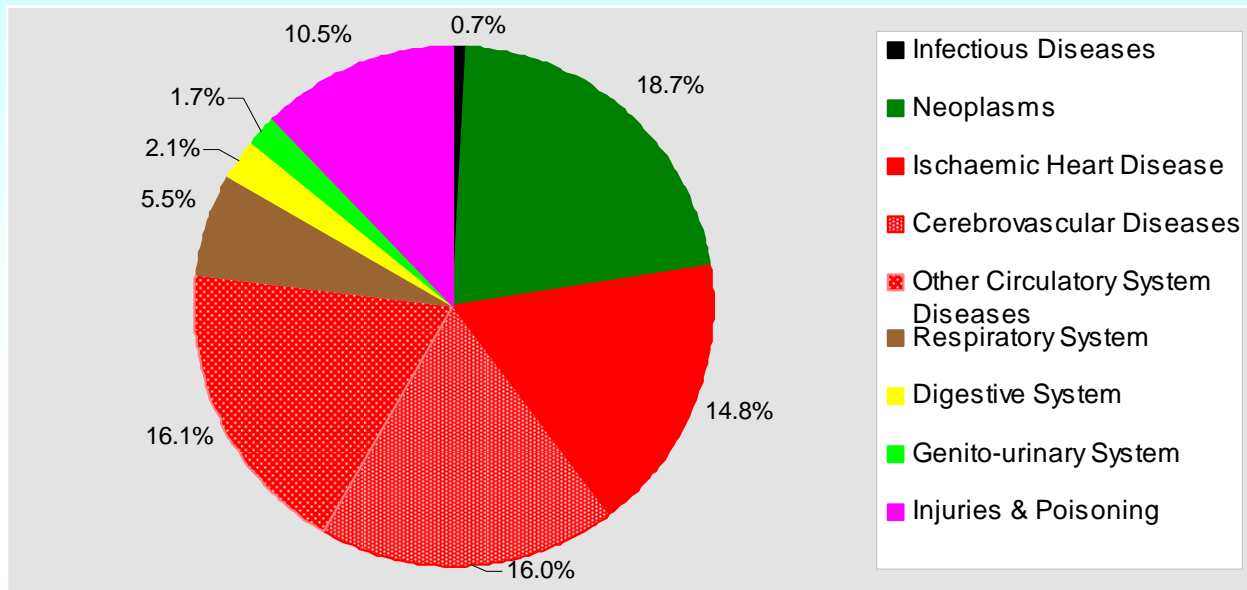
Percentage (%) of
Crude, Gender-specific, Mortality Rates (per 100,000), according to Causes [Cause-Groups] of Death (=Cause-specific),
towards
General [=all causes] Mortality Rates (per 100,000), Crude, Gender-specific,
at Country level in Albania over the period 2001-2009

	2001		2002		2003		2004		2005		2006		2007		2008		2009	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Infectious Diseases	0.6%	0.6%	0.7%	0.5%	0.5%	0.5%	0.6%	0.4%	0.4%	0.5%	0.6%	0.4%	0.5%	0.3%	0.4%	0.3%	0.2%	0.2%
Neoplasms	17.4%	13.6%	18.7%	13.9%	18.7%	14.1%	18.5%	13.7%	18.3%	12.9%	19.6%	14.4%	19.7%	13.5%	19.5%	13.6%	19.8%	12.6%
Circulatory System	47.3%	54.3%	46.9%	53.4%	47.4%	53.7%	47.2%	54.2%	47.8%	54.5%	48.3%	57.1%	49.0%	58.5%	49.0%	58.5%	54.0%	63.5%
Respiratory System	5.5%	5.5%	5.5%	5.8%	5.7%	5.7%	5.6%	5.1%	4.6%	4.7%	5.0%	4.0%	4.7%	3.6%	3.5%	2.6%	6.9%	5.7%
Digestive System	2.4%	1.9%	2.1%	1.6%	1.9%	1.6%	2.0%	1.5%	2.0%	1.4%	2.2%	1.7%	2.1%	1.7%	2.1%	1.3%	4.9%	2.5%
Genito-urinary System	2.2%	2.0%	1.7%	1.7%	1.6%	1.2%	1.5%	1.3%	1.8%	1.4%	2.0%	1.1%	1.8%	1.6%	1.8%	1.3%	3.2%	2.7%
Injuries & Poisoning	11.5%	4.4%	10.5%	4.1%	9.4%	3.5%	9.1%	4.0%	9.5%	3.8%	8.1%	3.1%	9.0%	3.6%	8.1%	3.6%	8.1%	2.8%
Sum of percentages (proportion of above specified causes of death)	86.9%	82.3%	86.1%	81.0%	85.2%	80.3%	84.5%	80.2%	84.4%	79.2%	85.8%	81.8%	86.8%	82.8%	84.4%	81.2%	97.1%	90.0%
Percentage of other (=undisplayed) causes of death	13.1%	17.7%	13.9%	19.0%	14.8%	19.7%	15.5%	19.8%	15.6%	20.8%	14.2%	18.2%	13.2%	17.2%	15.6%	18.8%	2.9%	10.0%

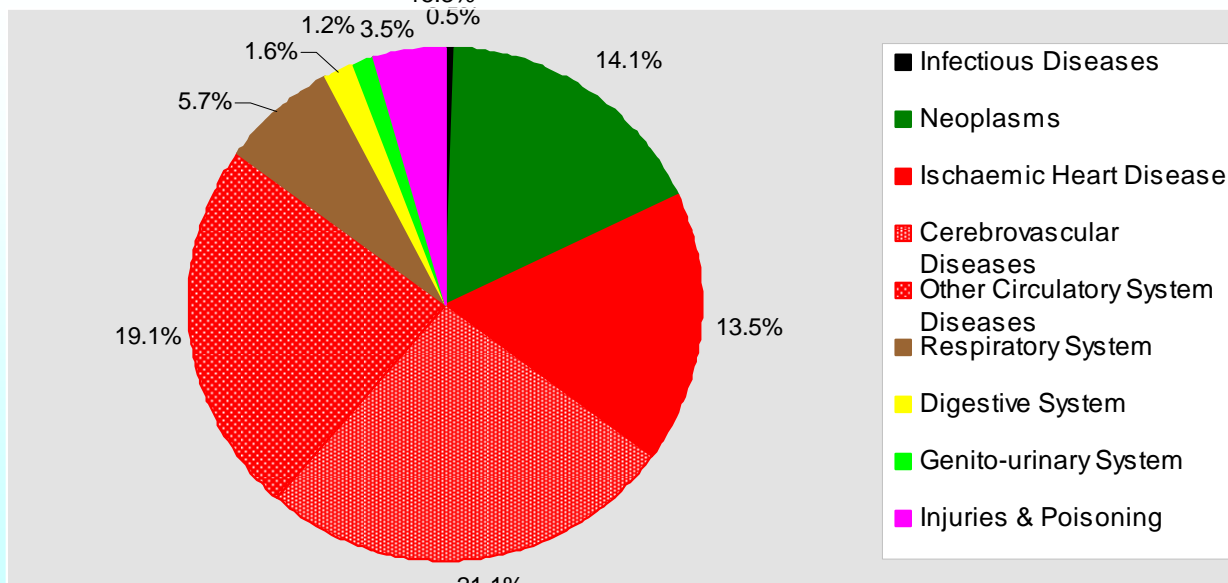
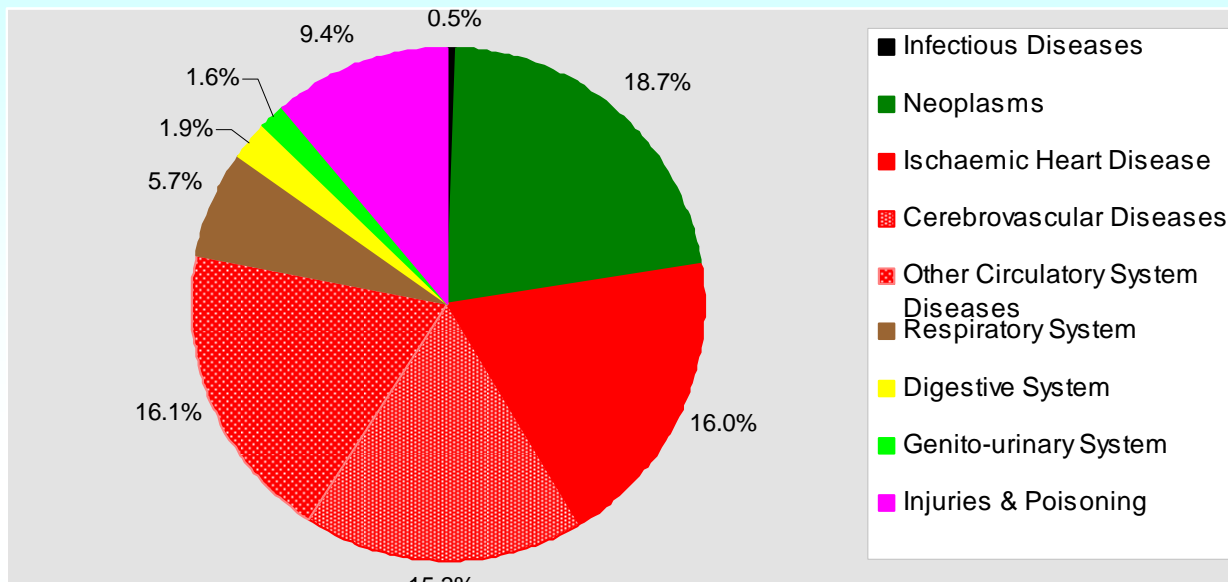
Percentage (%) of
Mortality Rates (per 100,000), Crude, Gender-specific, according to group-causes of death (=Cause-specific),
towards
General [=all causes] Mortality Rates (per 100,000), Crude, Gender-specific,
at Region (or Prefecture or *Qark*) Level in Albania in 2001



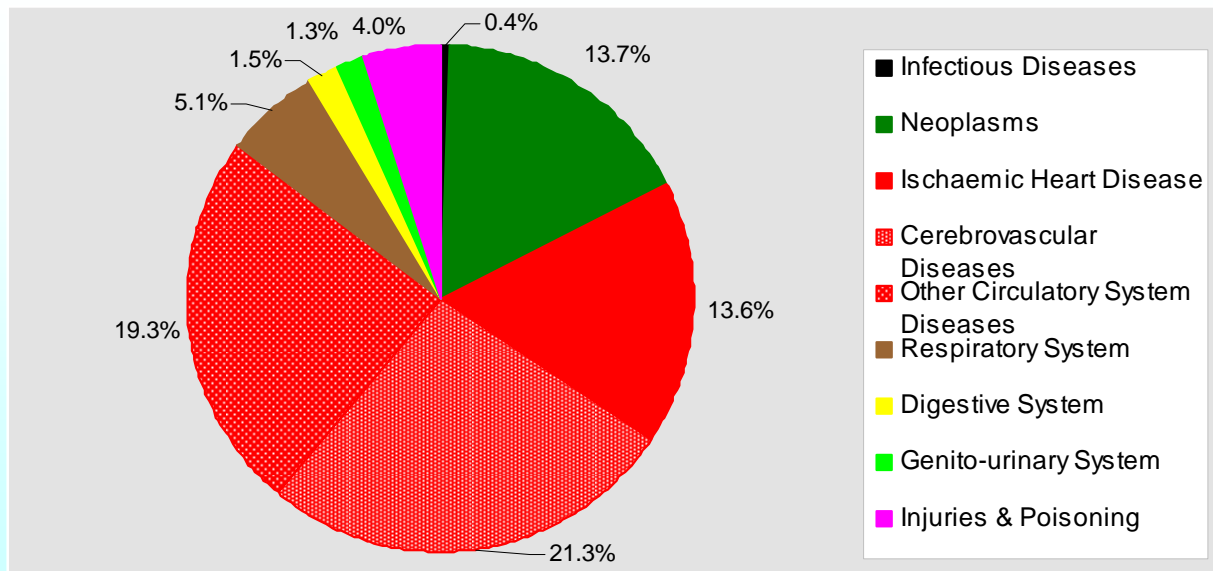
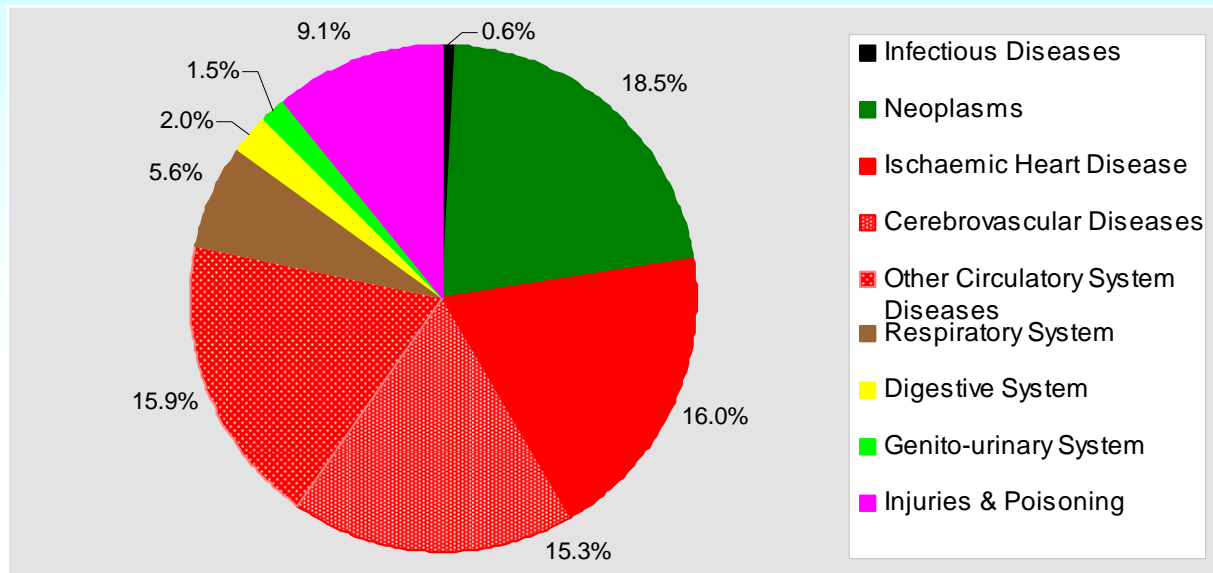
Percentage (%) of
Mortality Rates (per 100,000), Crude, Gender-specific, according to group-causes of death (=Cause-specific),
towards
General [=all causes] Mortality Rates (per 100,000), Crude, Gender-specific,
at Region (or Prefecture or Qark) Level in Albania in **2002**



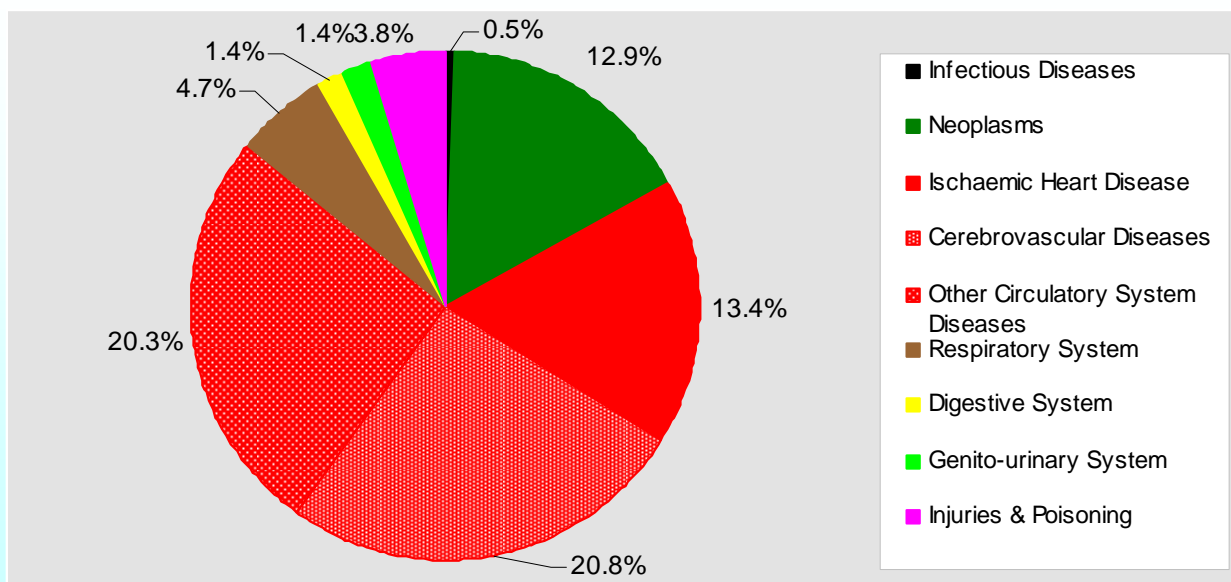
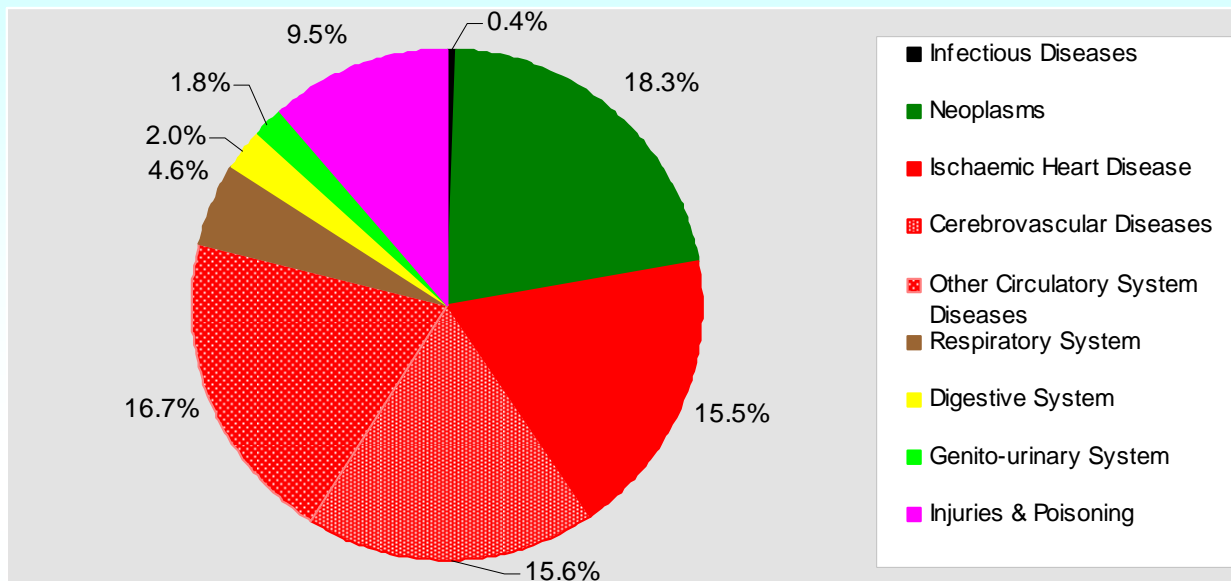
Percentage (%) of
Mortality Rates (per 100,000), Crude, Gender-specific, according to group-causes of death (=Cause-specific),
towards
General [=all causes] Mortality Rates (per 100,000), Crude, Gender-specific,
at Region (or Prefecture or Qark) Level in Albania in **2003**



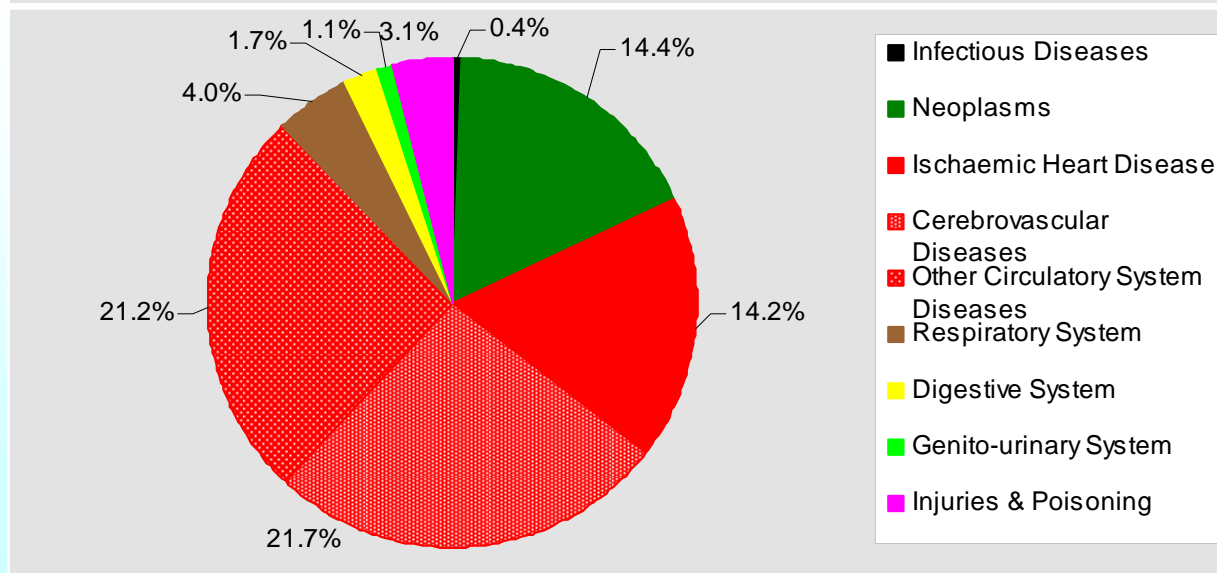
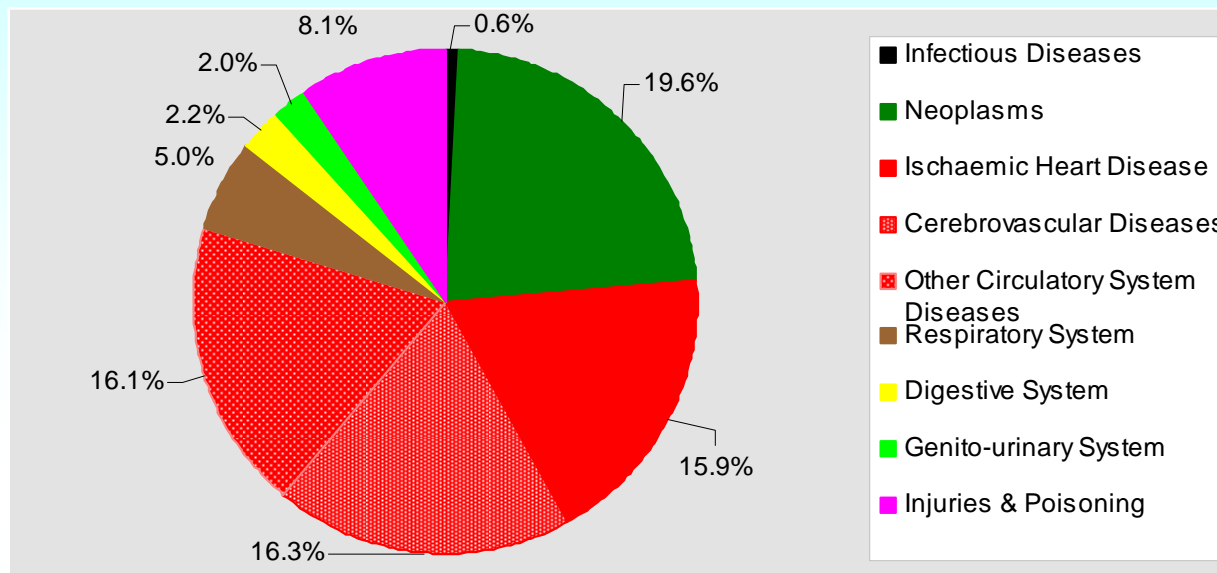
Percentage (%) of
Mortality Rates (per 100,000), Crude, Gender-specific, according to group-causes of death (=Cause-specific),
towards
General [=all causes] Mortality Rates (per 100,000), Crude, Gender-specific,
at Region (or Prefecture or *Qark*) Level in Albania in **2004**



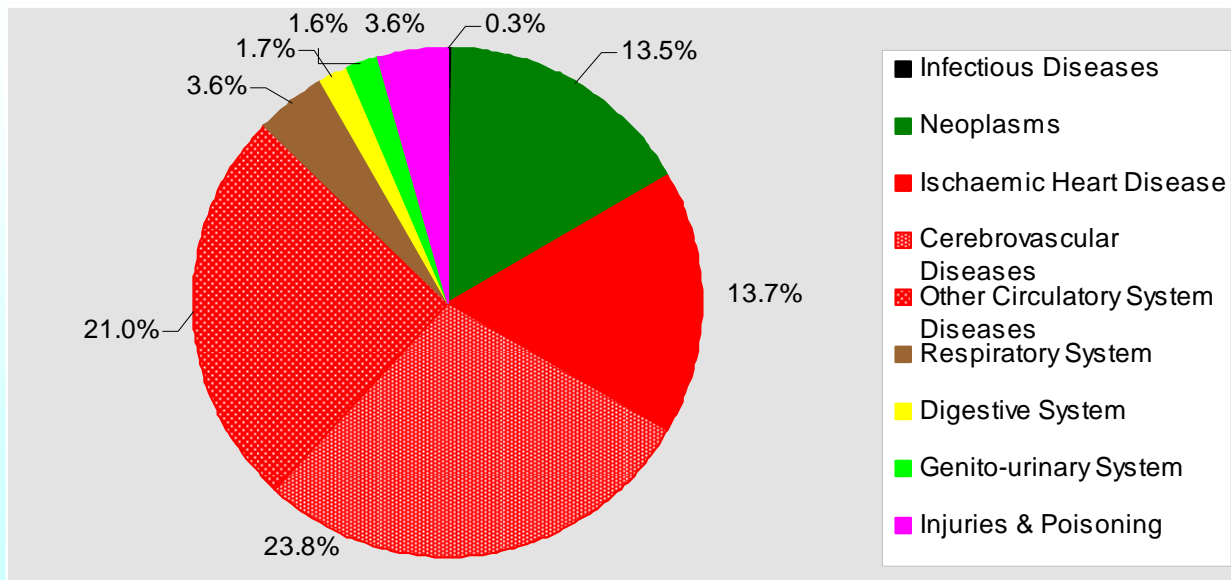
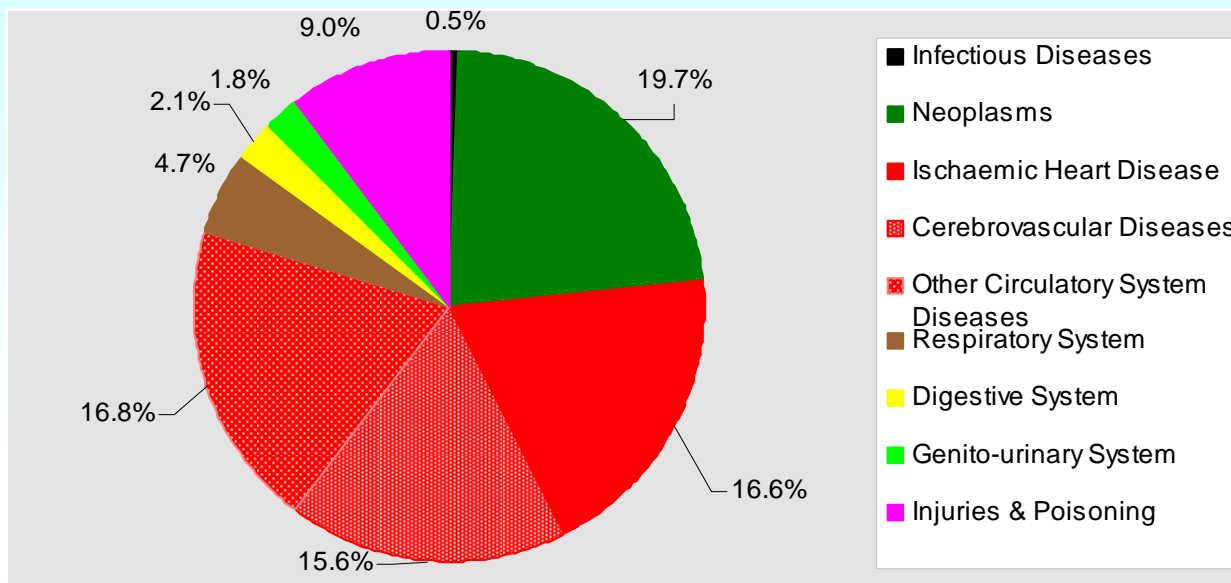
Percentage (%) of
Mortality Rates (per 100,000), Crude, Gender-specific, according to group-causes of death (=Cause-specific),
towards
General [=all causes] Mortality Rates (per 100,000), Crude, Gender-specific,
at Region (or Prefecture or Qark) Level in Albania in 2005



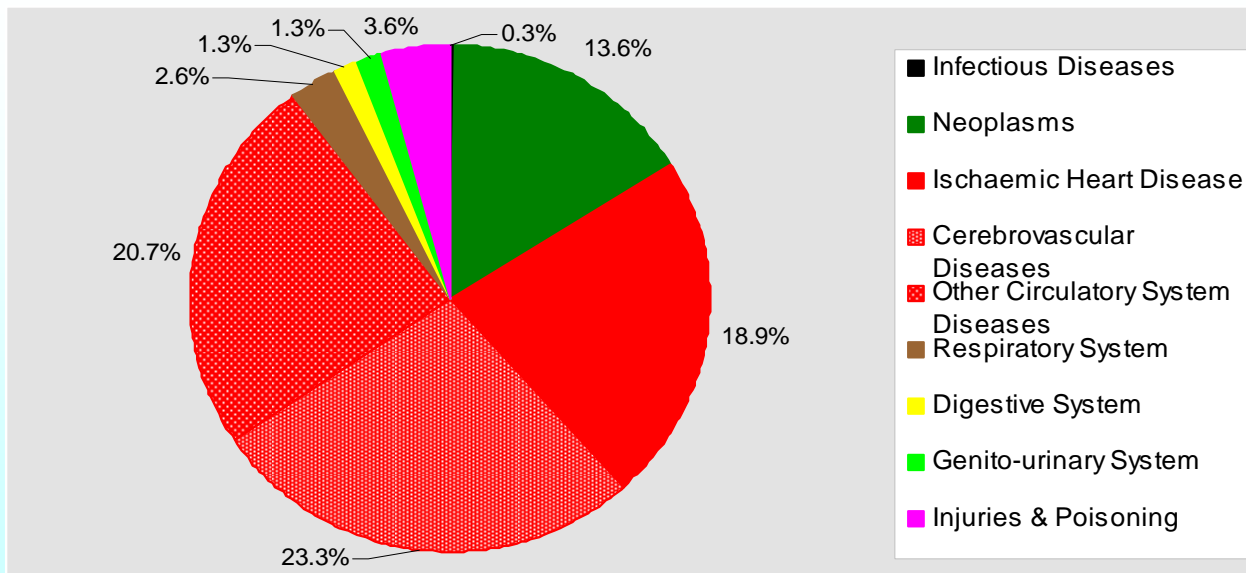
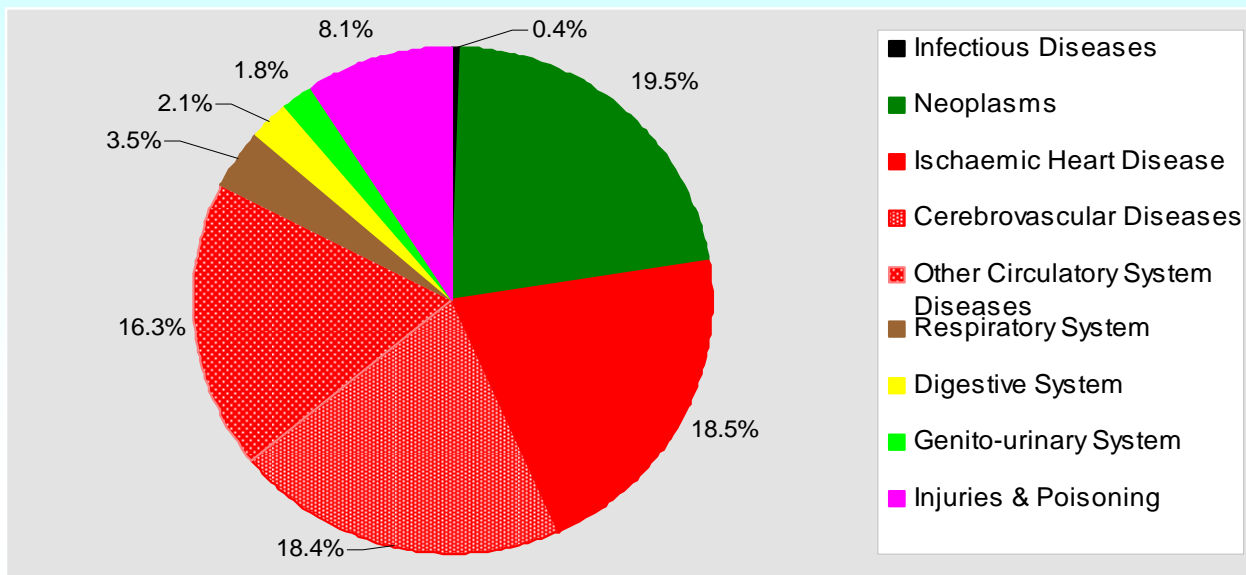
Percentage (%) of
Mortality Rates (per 100,000), Crude, Gender-specific, according to group-causes of death (=Cause-specific),
towards
General [=all causes] Mortality Rates (per 100,000), Crude, Gender-specific,
at Region (or Prefecture or Qark) Level in Albania in 2006



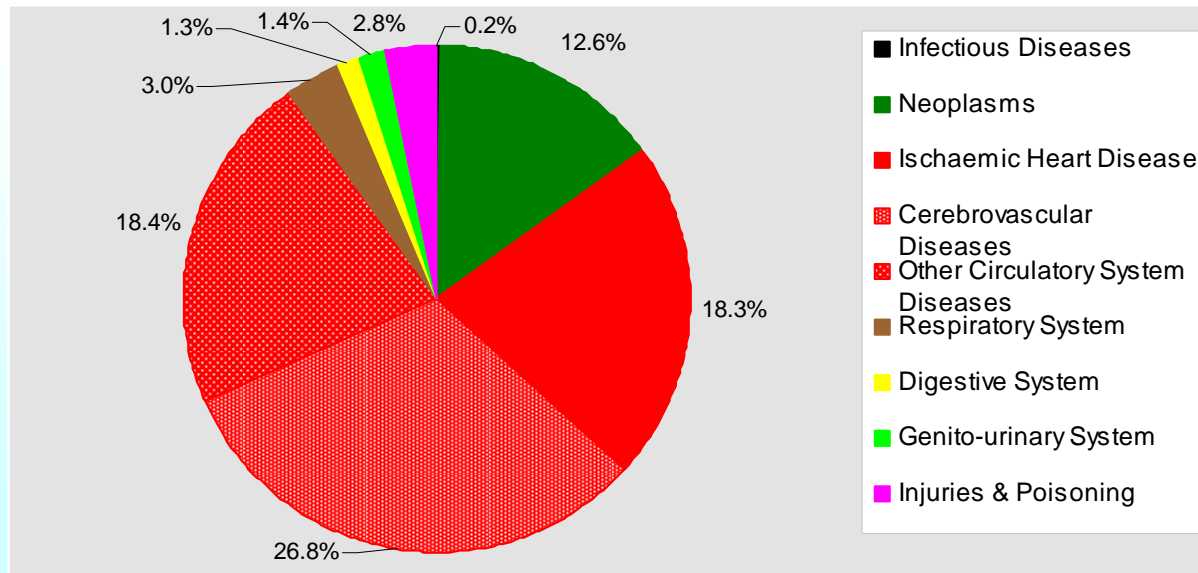
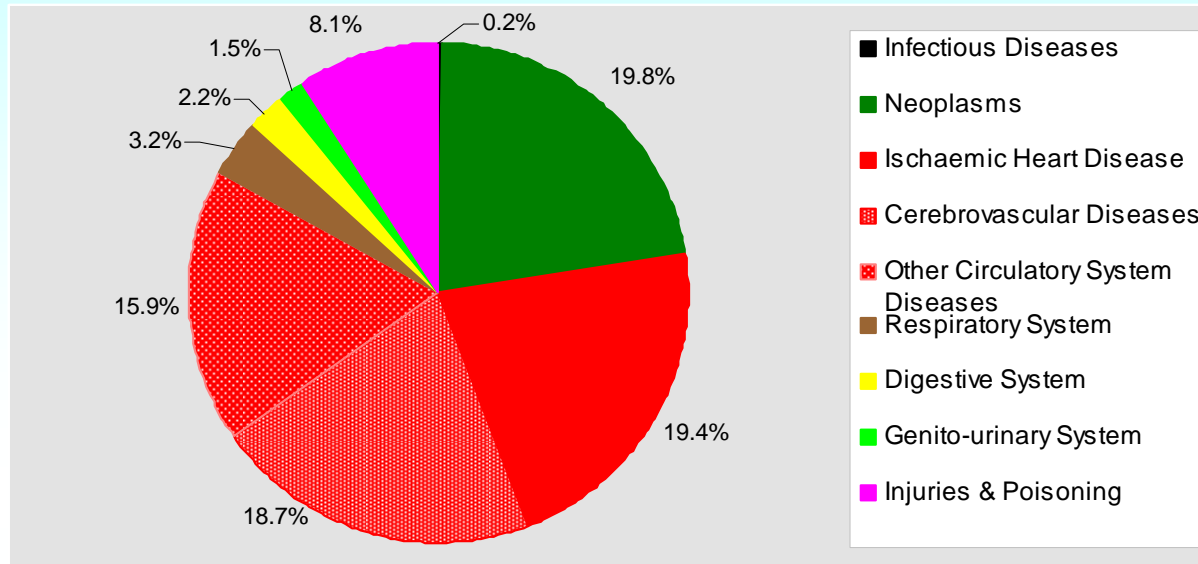
Percentage (%) of
 Mortality Rates (per 100,000), Crude, Gender-specific, according to group-causes of death (=Cause-specific),
 towards
 General [=all causes] Mortality Rates (per 100,000), Crude, Gender-specific,
 at Region (or Prefecture or Qark) Level in Albania in 2007



Percentage (%) of
Mortality Rates (per 100,000), Crude, Gender-specific, according to group-causes of death (=Cause-specific),
towards
General [=all causes] Mortality Rates (per 100,000), Crude, Gender-specific,
at Region (or Prefecture or Qark) Level in Albania in 2008

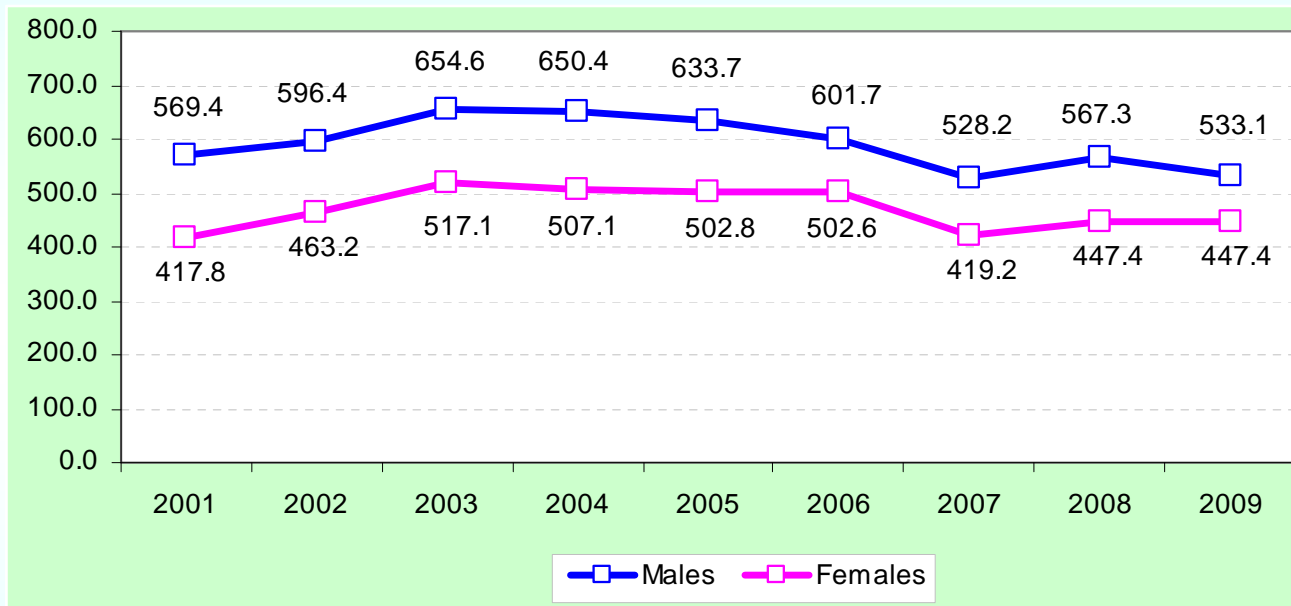


Percentage (%) of
Mortality Rates (per 100,000), Crude, Gender-specific, according to group-causes of death (=Cause-specific),
towards
General [=all causes] Mortality Rates (per 100,000), Crude, Gender-specific,
at Region (or Prefecture or *Qark*) Level in Albania in 2009

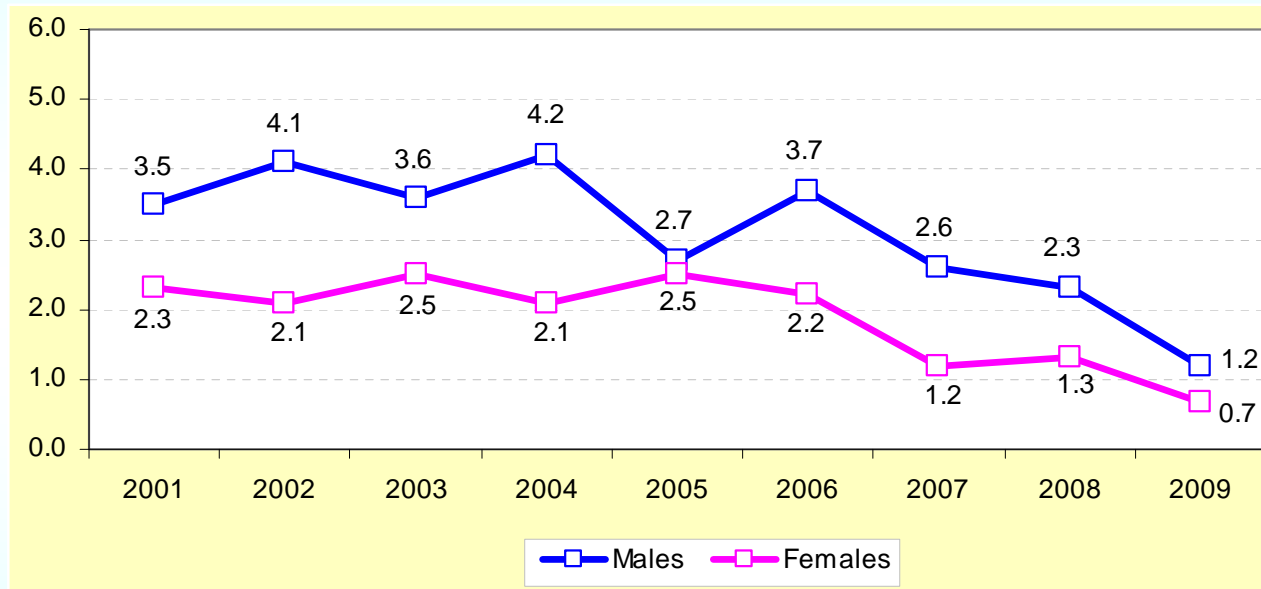


- (iv) trends over the period 2001-2009
of the crude gender-specific cause-specific MRs
at country level

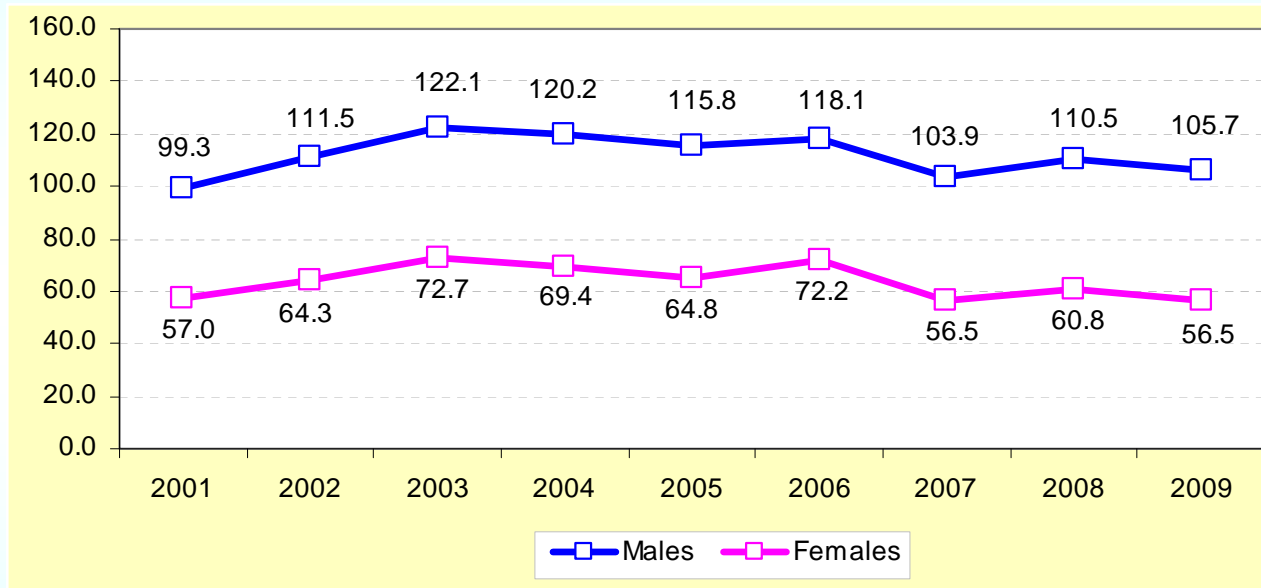
Crude **general [=all causes]** gender-specific Mortality Rates (per 100,000 population)
at Country level in Albania over the period 2001-2009



Crude gender-specific Mortality Rates (per 100,000) of **Infectious Diseases**
at Country level in Albania over the period 2001-2009

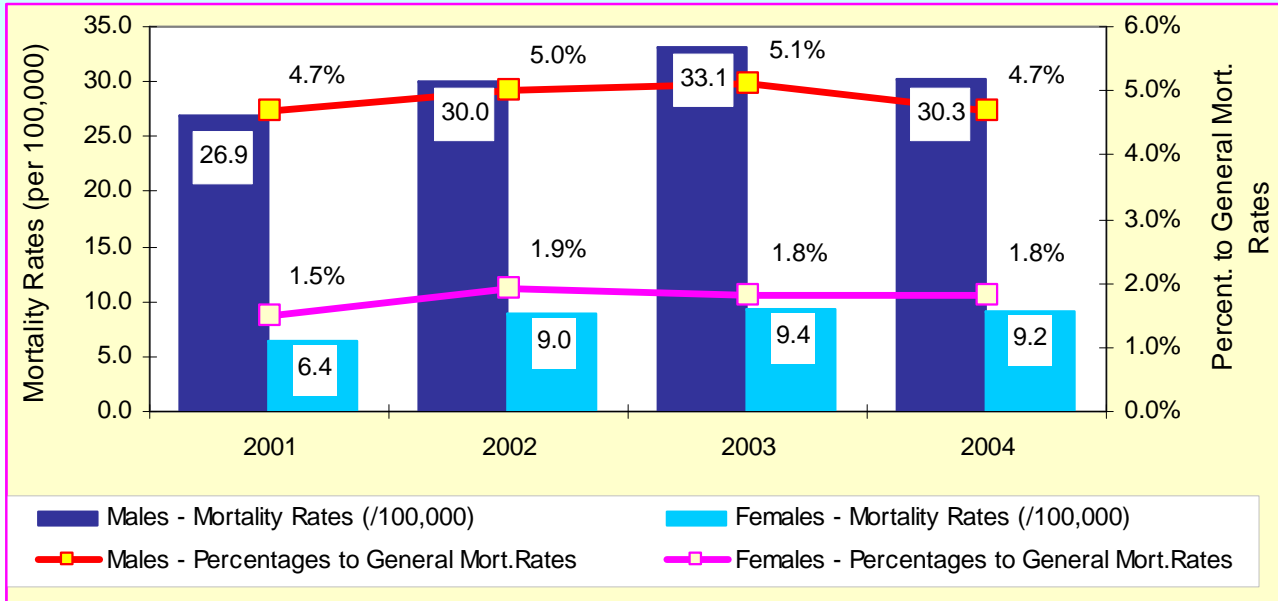


Crude gender-specific Mortality Rates (per 100,000) of **Neoplasms (=All Cancer)**
at Country level in Albania over the period 2001-2009

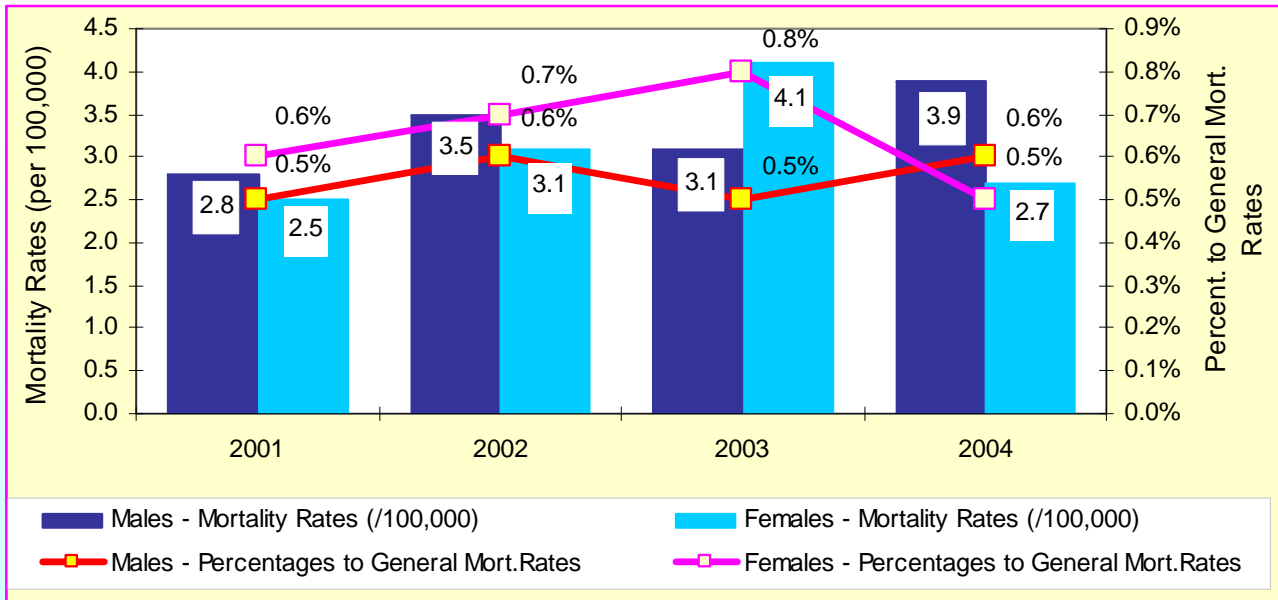


Crude Gender-specific of **Specified Neoplasms (=Cancer) Mortality Rates (deaths per 100,000)
and **Their Proportions (as percentages %)** towards the respective Gender-specific **General (=all causes)** Mortality Rates (deaths per 100,000)
at **Country level in Albania over the period 2001-2007****

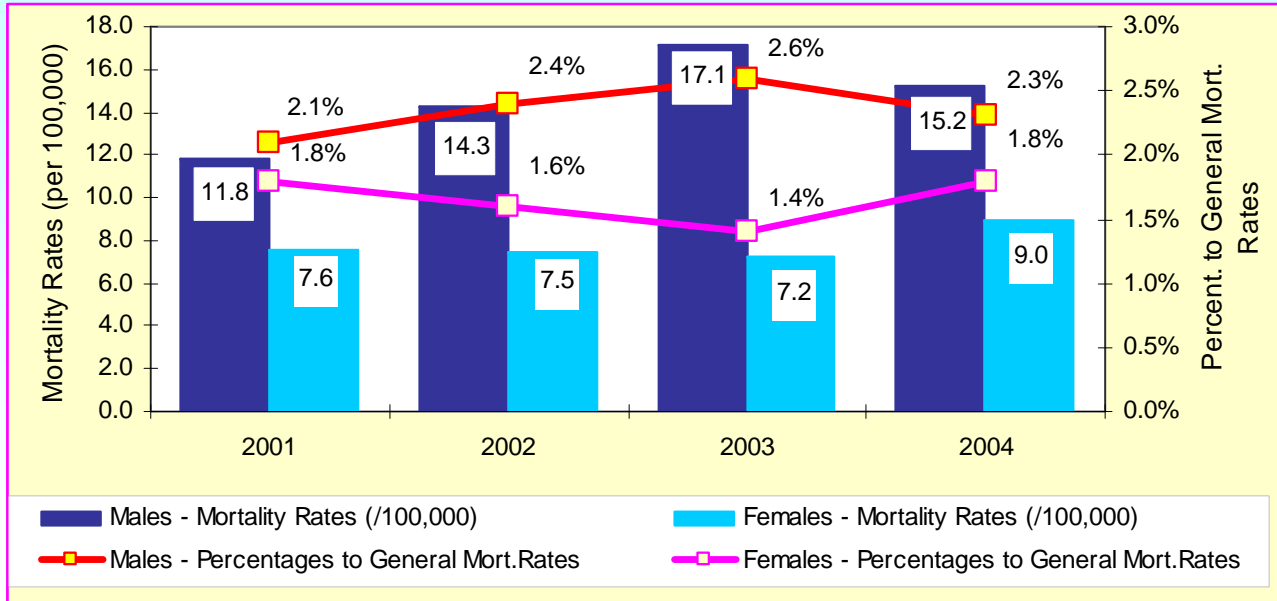
Lung cancer



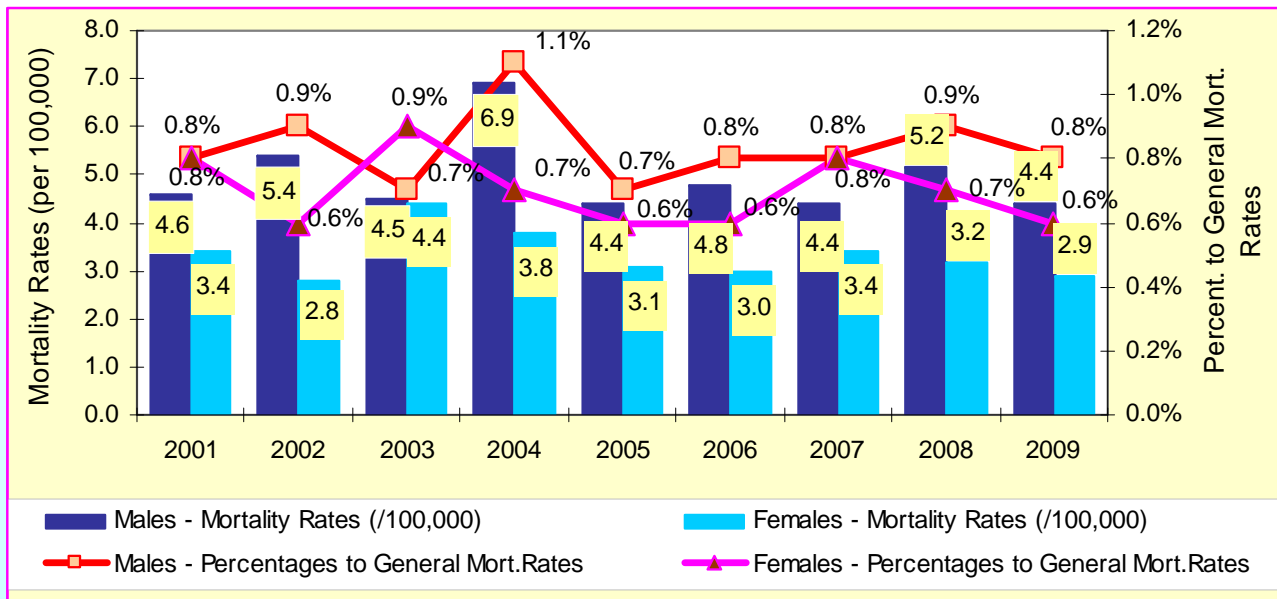
Colon-rectal cancer



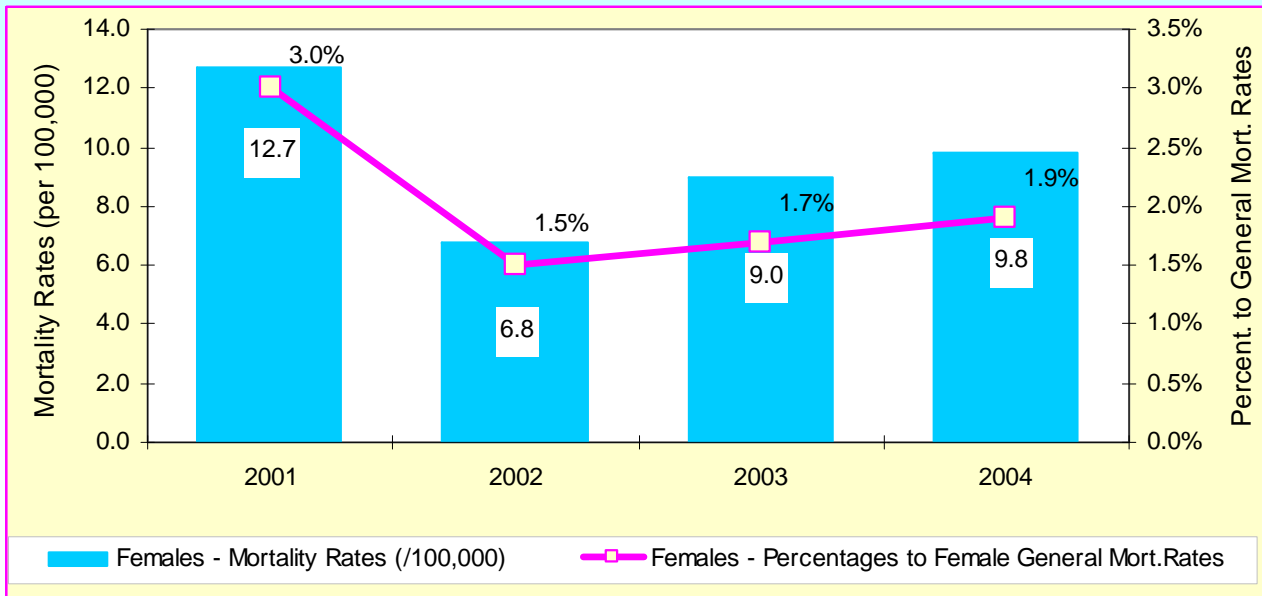
Stomach cancer



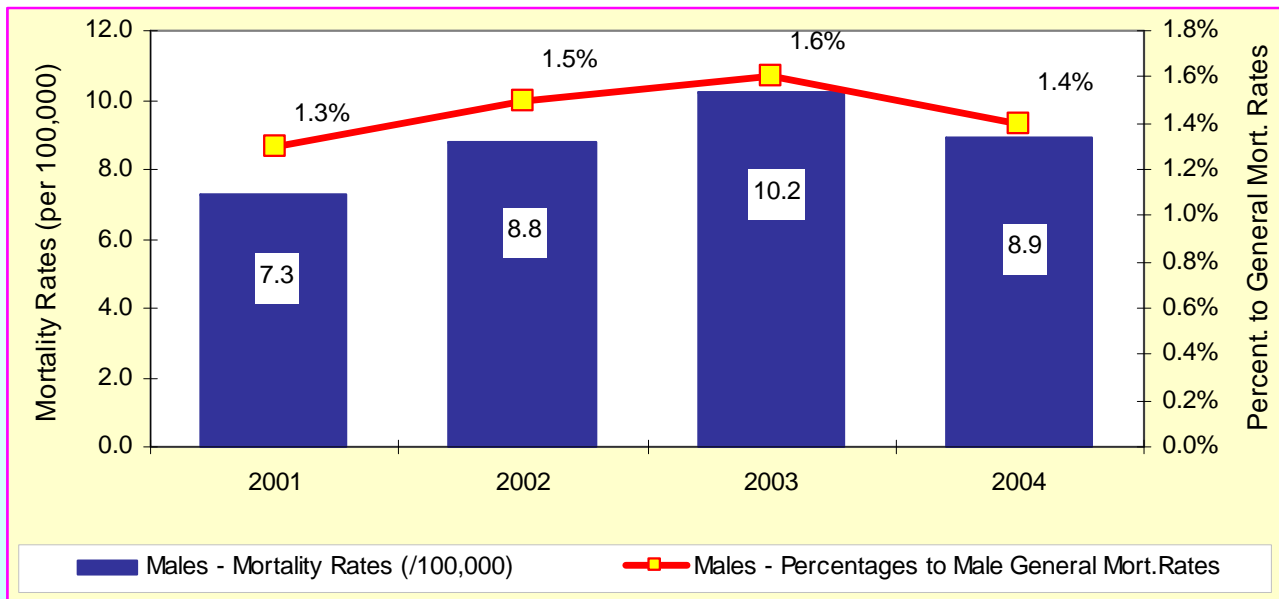
Leukaemia / Lymphoma



Breast cancer

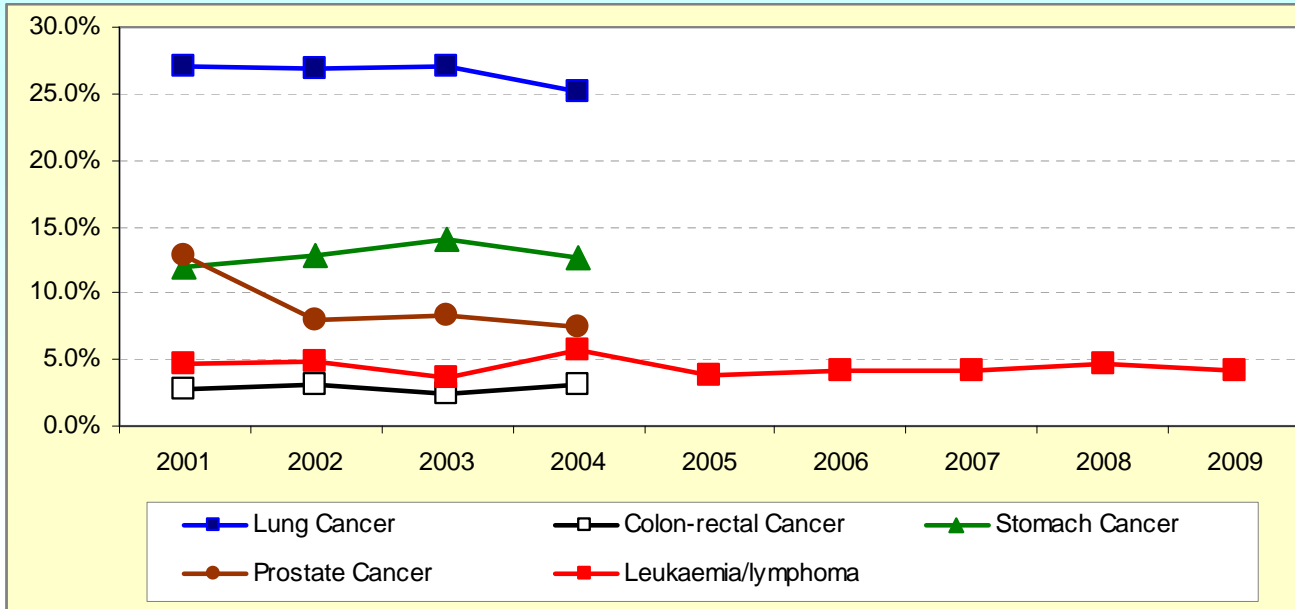


Prostate cancer

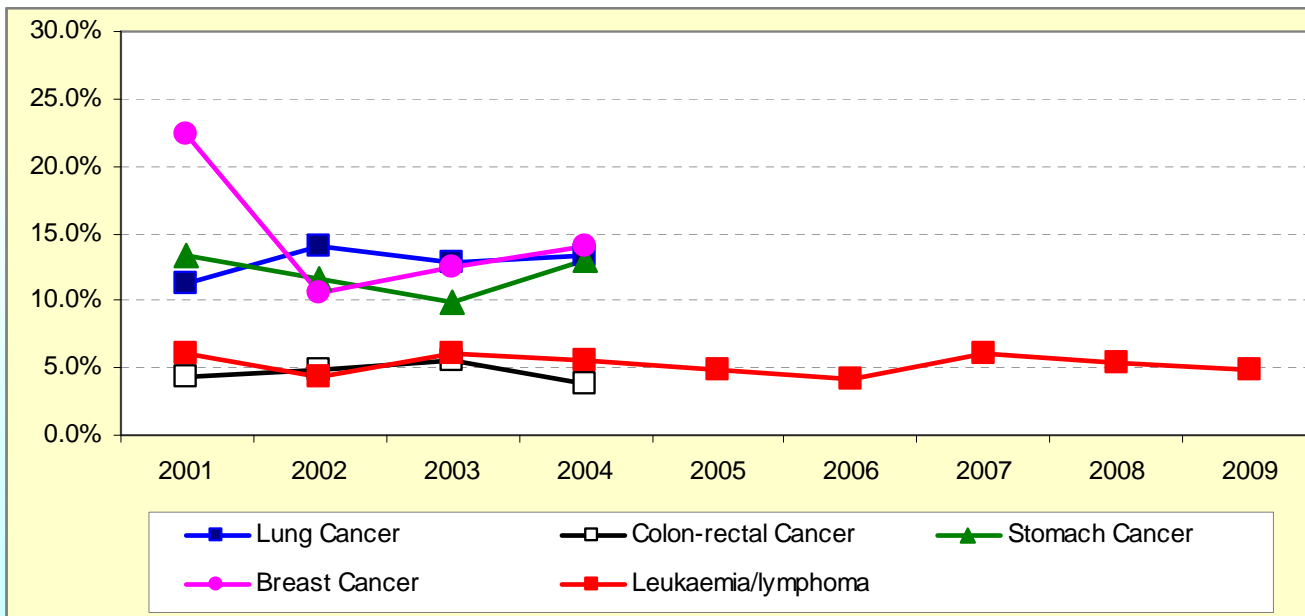


Proportions (as percentages %) of Crude Gender-specific of **Specified Neoplasms (=Cancer)** Mortality Rates (deaths per 100,000)
towards **Neoplasms (=all cancer)** Mortality Rates (deaths per 100,000)
at Country level in Albania over the period 2001-2007

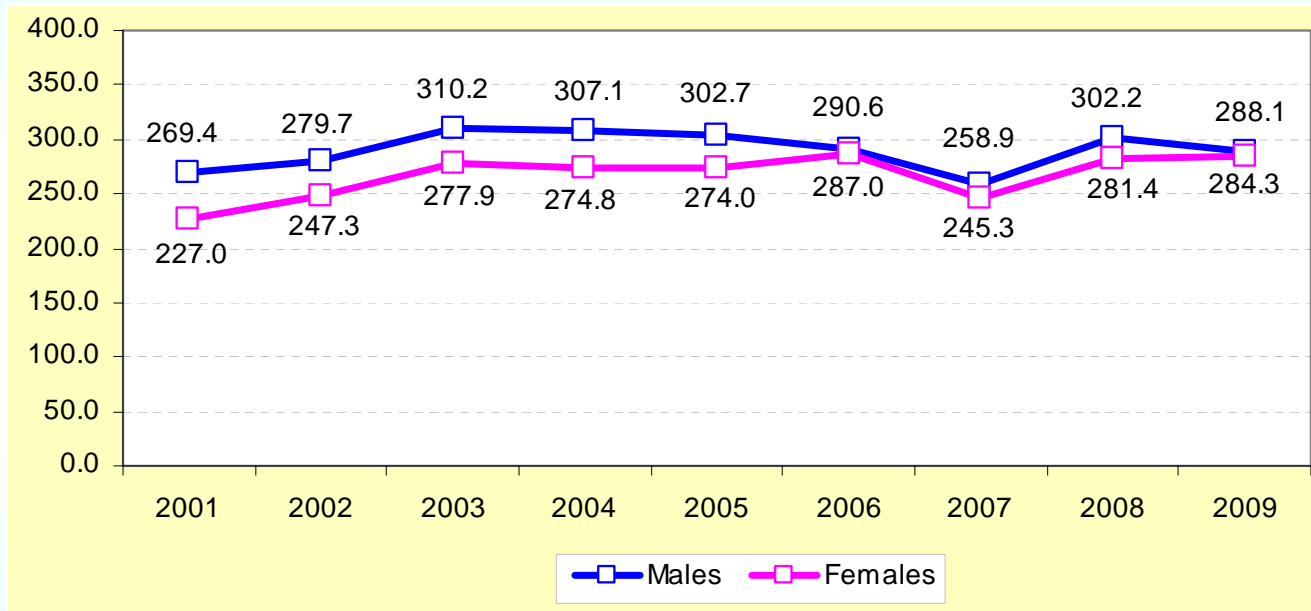
Males



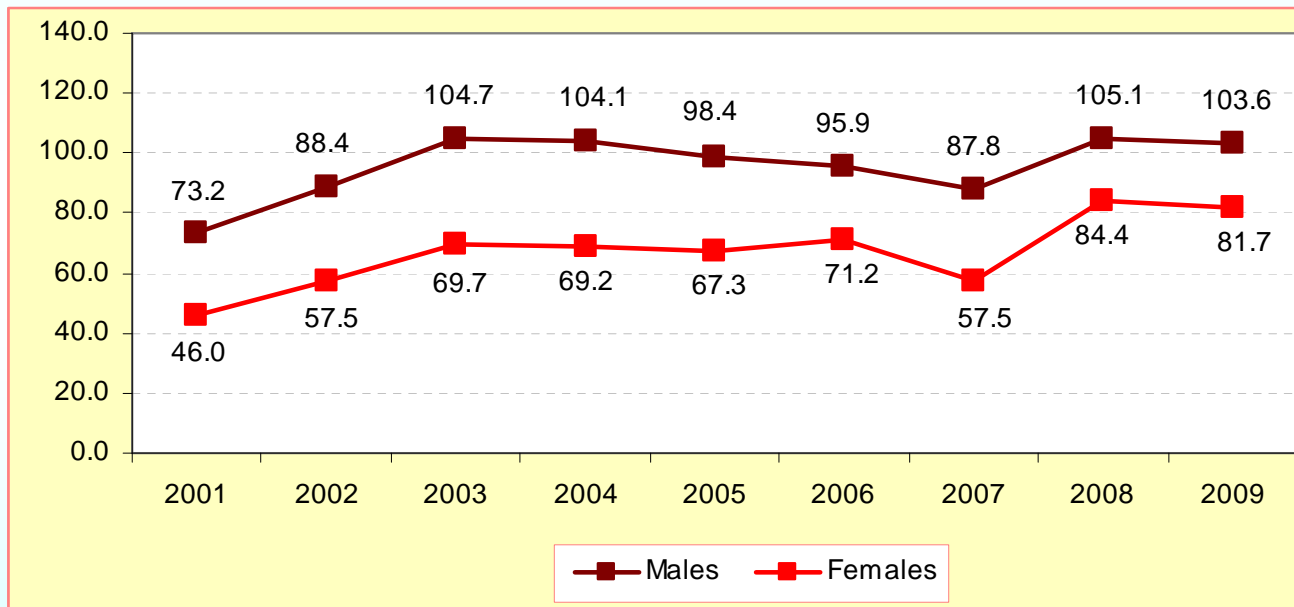
Females



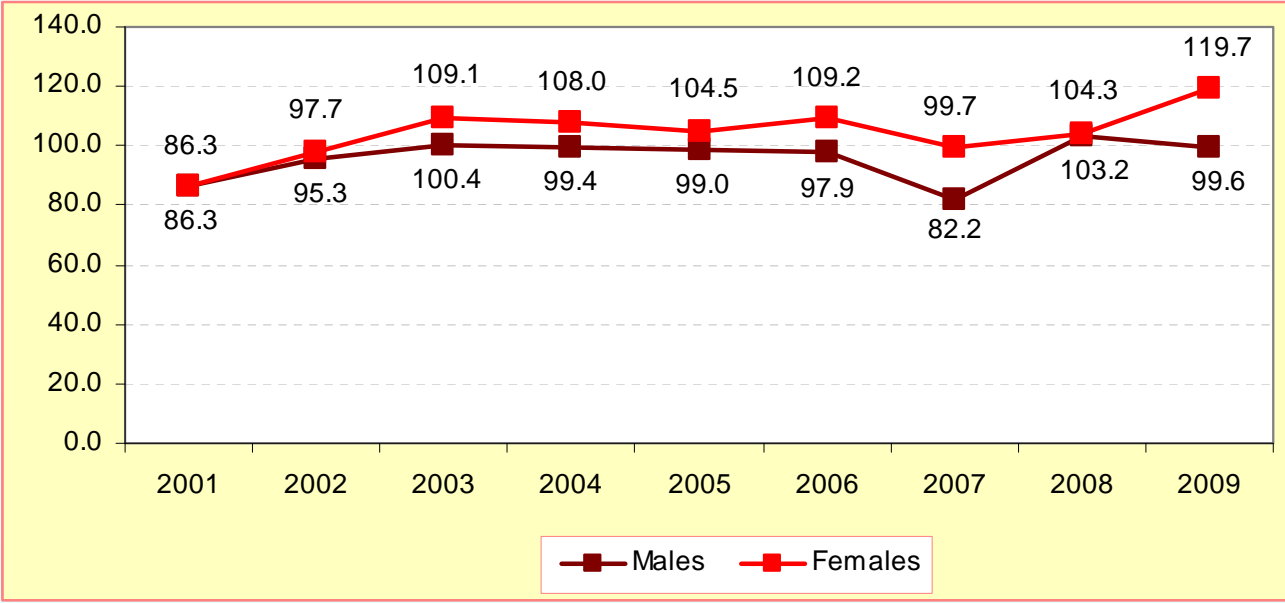
Crude gender-specific Mortality Rates (per 100,000) of **Circulatory System Diseases**
at Country level in Albania over the period 2001-2009



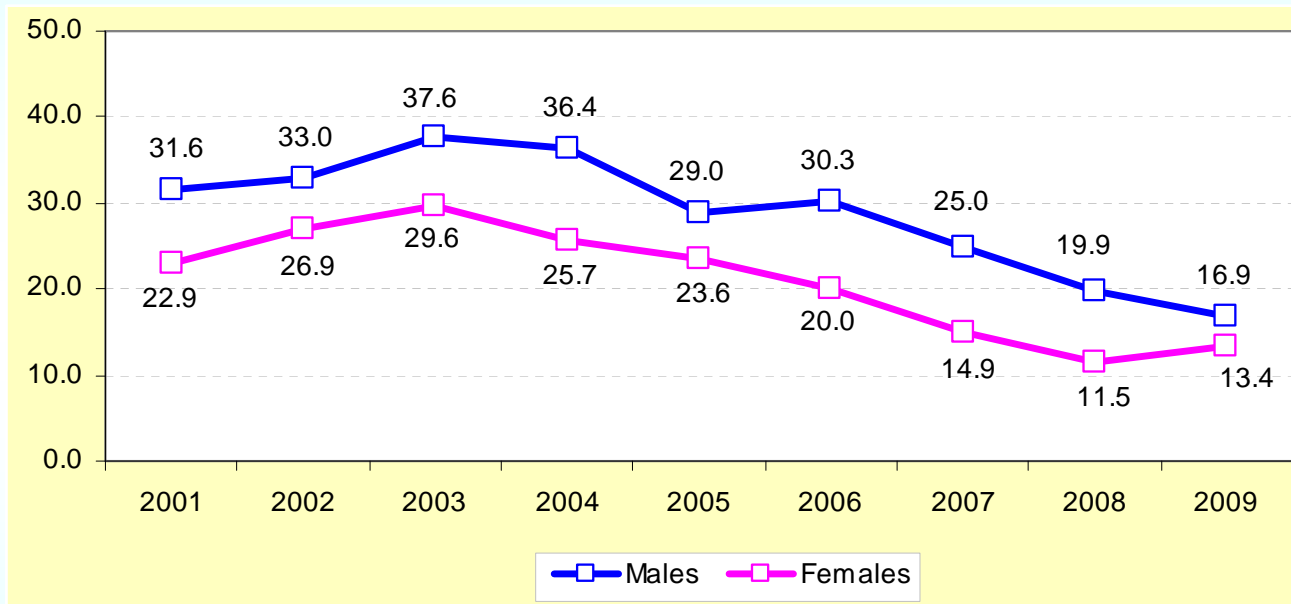
Crude gender-specific Mortality Rates (per 100,000) of **Ischaemic Heart Disease** at Country level in Albania over the period 2001-2009



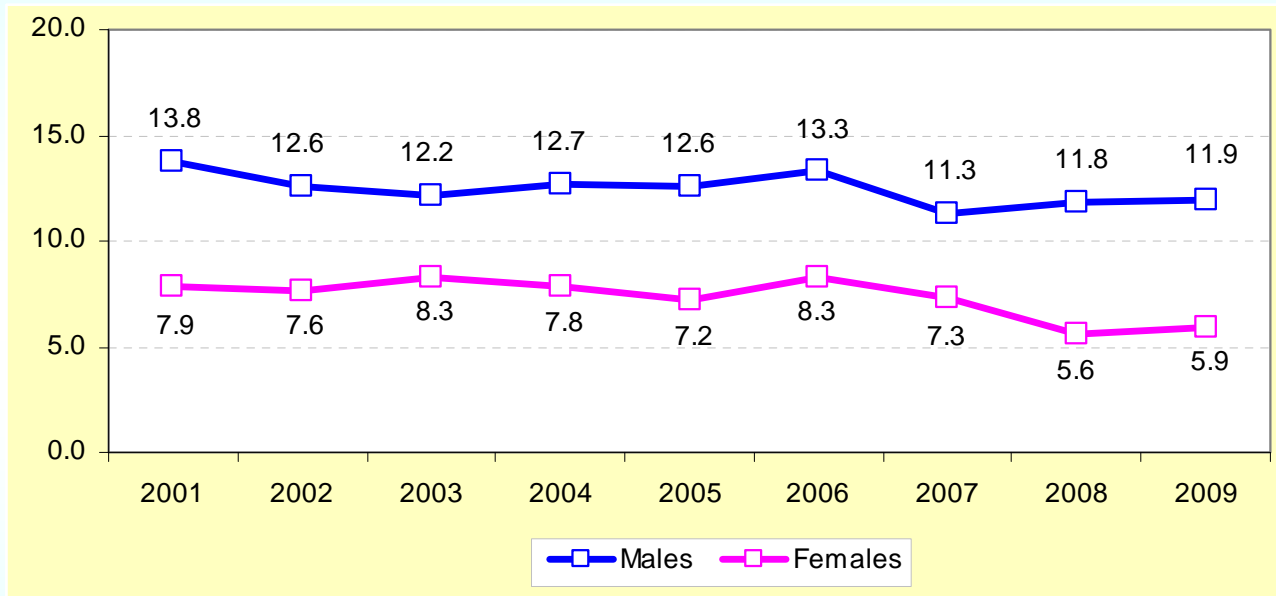
Crude gender-specific Mortality Rates (per 100,000) of **Cerebrovascular Disease** at Country level in Albania over the period 2001-2009



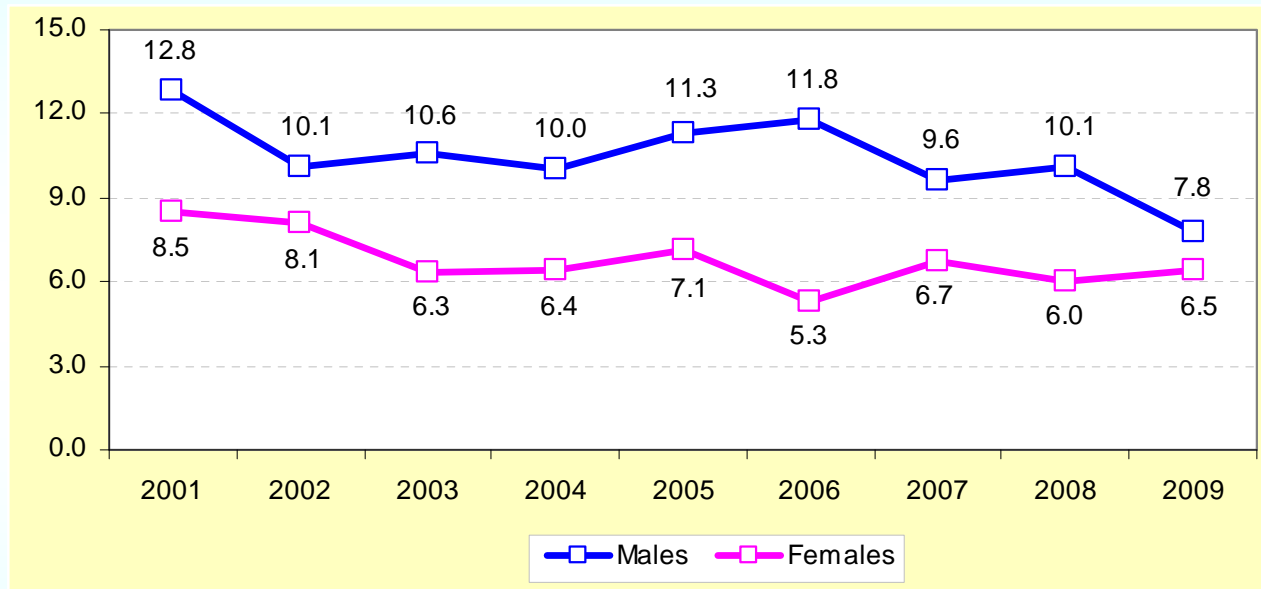
Crude gender-specific Mortality Rates (per 100,000) of **Respiratory System Diseases**
at Country level in Albania over the period 2001-2009



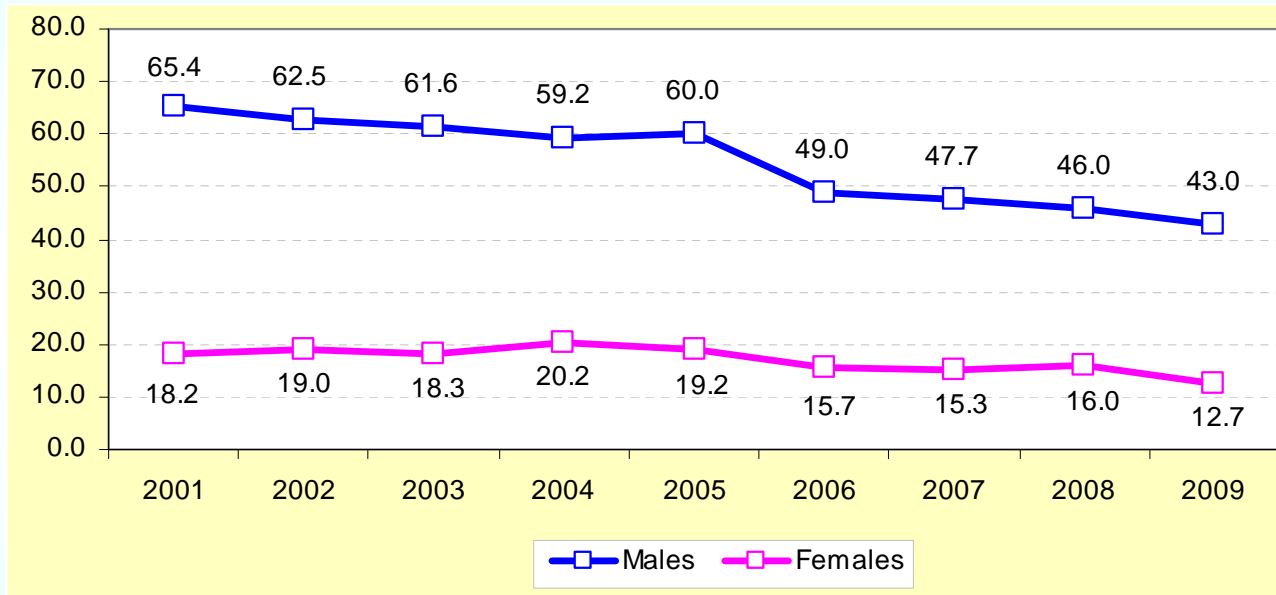
Crude gender-specific Mortality Rates (per 100,000) of **Digestive System Diseases**
at Country level in Albania over the period 2001-2009



Crude gender-specific Mortality Rates (per 100,000) of **Genito-urinary System Diseases**
at Country level in Albania over the period 2001-2009



Crude gender-specific Mortality Rates (per 100,000) of **Injuries and Poisoning**
at Country level in Albania over the period 2001-2009



Main concern and its Remedy

Main concern:

The main concern is absolutely related to the inappropriateness of INSTAT data in its annual publications, which represents the unique source of the Institute of Public Health (IPH) towards its responsibility/duty on the periodical preparation of mortality indicators according to the WHO & Eurostat & ECDC requests.

Namely:

- ▶ Lack of mortality data according to districts (from 2005 onwards).

Reason: INSTAT operates in conformity with the current official administrative country division (=prefectures) while the public health system operates (present, future) according to up-to 2004 structure (=districts).

- ▶ Lack of mortality data according to causes in detail. An illustrative example: from 2005 onwards the data on deaths from cancer are given as cancer in total, thus excluding data on deaths from each cancer (with ICD-9 code).

- ▶ Lack of tables containing *en ensemble* the mortality data according to gender, cause, place (district/prefecture) and age.

The mortality tables in INSTAT publication are constructed in such templates which do not at all accomplish the IPH needs towards the periodical preparation of mortality indicators.

Remedy

The access of the Institute of Public Health (IPH), namely its National Epidemiological Observatory, to the INSTAT database as regards mortality data (=individual death certificates), is the only solution towards the production by the IPH of the detailed mortality indicators according to the requirements of the WHO, Eurostat, and ECDC.

Otherwise, following the current *modus operandi* on the matter, we will continue to fail.