

# ROMA BRIEFS

## EUROPE AND CENTRAL ASIA

### ALBANIA

Public Disclosure Authorized

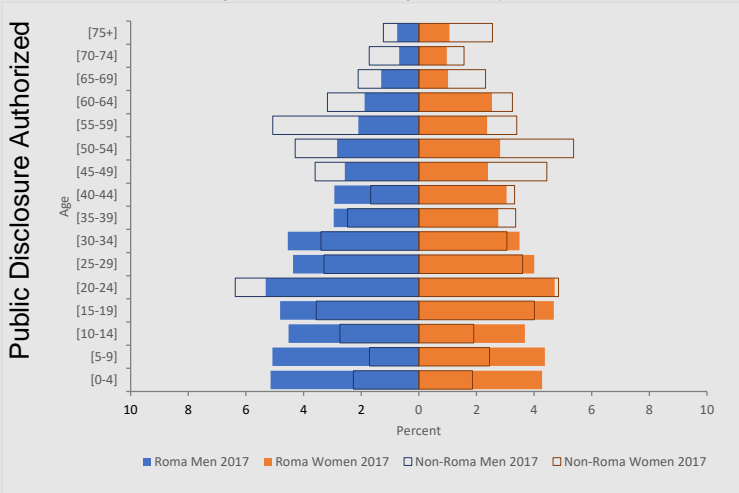
GDP per capita, PPP (current international \$)	12,021	2017
GDP per capita, Atlas method (current US\$)	4,320	2017
Rural population (% of total population)	41	2017
Roma population (% of total population)		
From Census	0.4	2011
From Council of Europe	2.5-4.7	2010

Sources: World Development Indicators, Census, and Council of Europe.

#### DEMOGRAPHICS

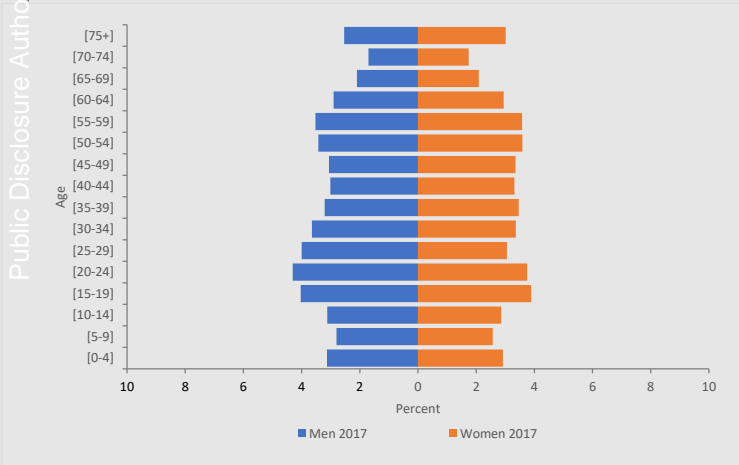
##### Roma and neighboring non-Roma distribution of male and female population by age (%), 2017

Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data.



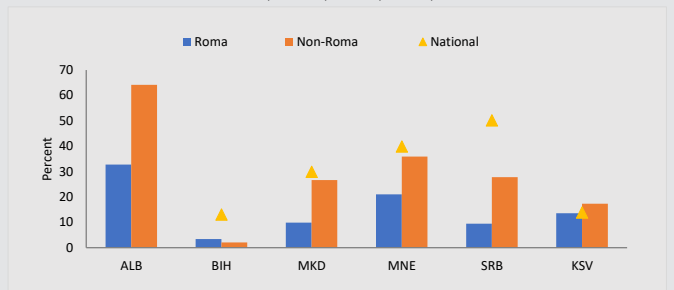
##### National distribution of male and female population by age (%), 2017

Source: World Bank estimates based on United Nations, Department of Economic and Social Affairs, Population Division (2017). World Population Prospects: The 2017 Revision.



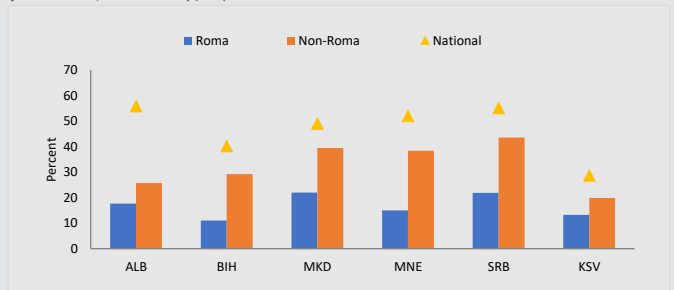
##### Adjusted net pre-primary enrollment rate (% of population, ages 3-5)

Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data. National estimates based on most recent MICS data available: BIH 2011-2012, MKD 2011, MNE 2013, SRB 2014, KSV 2012-2013.



##### Employment to population ratio (% of population, ages 15-64)

Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data. National estimates are from World Bank, SEE Jobs Gateway (2016).



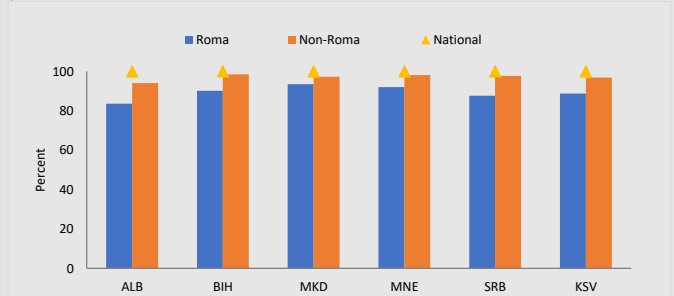
##### Health insurance coverage (% of population, ages 16+)

Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data.



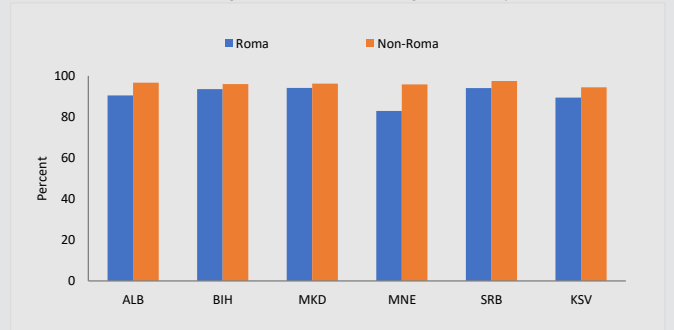
##### Access to electricity (% of population)

Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data. National estimates are from WDI 2017.



##### Identity card (% of population, ages 16+)

Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data.



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World Bank estimates based on the 2017 UNDP-World Bank-EC Regional Roma Survey. The survey was administered in all six Western Balkan countries: Albania, Bosnia and Herzegovina, North Macedonia, Montenegro, Serbia, and Kosovo. The survey – which is a repeater of the 2011 Regional Roma Survey – examines living conditions and key human development outcomes within Roma households and non-Roma living in close vicinity. The sample size consists of around 750 Roma and 350 non-Roma households in each country. The sample was purposefully not representative of all Roma in these countries, but rather focused on those communities where the Roma population's share equals or is higher than the national share of Roma population, the "marginalized Roma". The "non-Roma" refer to non-Roma population living in close vicinity to the marginalized Roma, and are not representative of the total population in the country. The estimates using the Regional Roma Survey instrument allow for comparison of marginalized Roma with non-Roma living in close vicinity, as well as across countries in the study.

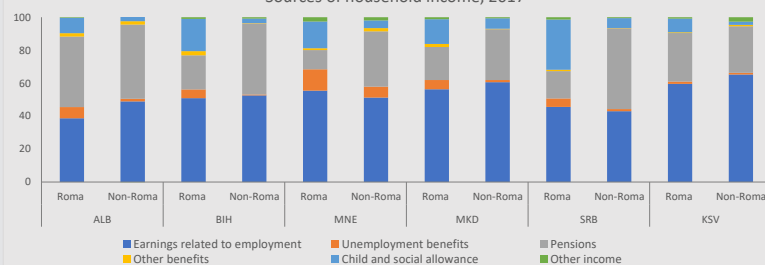
## ROMA POPULATION

## Sources of household income, 2017

(% of monthly total, avg)

	Roma	Non-Roma
Earnings related to employment	39	49
Unemployment benefits	7	2
Pensions	43	45
Other benefits	2	2
Child and social allowance	9	3
Other income	0	0

Sources of household income, 2017



Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data. Note: Roma refers to marginalized Roma and non-Roma to their non-Roma neighbors. Earnings related to employment include both wage and self-employment income; pensions include old age pension, family pension, disability pension, agricultural pension, and pension from private pension insurance; other benefits refer to monetary compensation for temporary inability to work (sick leave) and aid in connection with education (educational allowance); child and social allowances include allowances for assistance and care for another person, pregnancy and maternity leave allowances, last resort social assistance program, allowances and other income of socially vulnerable persons on the household, allowances for mothers of three or more children (only Montenegro), heating subsidies, subsidies for the utility services' bills, one-time financial assistance, parental allowance, and child allowance; and other income includes inter-household transfers (financial assistance or alimonies given or received by the household) and household income from renting room, flat or house. The sample is restricted to households who report positive household income.

## KEY INDICATORS, 2017

	National	Roma	Non-Roma	Roma female	Roma male	Non-Roma female	Non-Roma male
<b>Demographics</b>							
Households with 4+ members (%)	29	38	16				
Age dependency ratio, young (% of working-age population, ages 15-64)	31	59	25				
Age dependency ratio, old (% of working-age population, ages 15-64)	19	8	13				
Share of households with female head (%)	16	21	20				
Average HH size	3.73	4.01	3.23				
<b>Education</b>							
Adjusted net pre-primary enrollment rate (% of population, ages 3-5)	40	33	64	30	35	68	56
Adjusted net compulsory education enrollment rate (% of population, ages 7-15)	N/A	66	96	66	66	96	97
Completion rate in compulsory education (% of population, ages 18-21)	N/A	43	98	39	47	96	100
Completion rate in upper secondary education (% of population, ages 22-25)	N/A	15	75	14	15	72	77
Completion rate in tertiary education (% of population, ages 26-29)	N/A	1	25	1	2	37	12
Students attending segregated schools (% of population, ages 7-15)	N/A	19	10	14	23	14	8
Students attending special schools (% of population, ages 7-15)	N/A	1	1	1	1	3	0
<b>Labor Markets</b>							
Employment (% of population, ages 15-64)	56	18	26	11	24	21	30
Labor force participation rate (% of population, ages 15-64)	66	40	42	29	51	34	49
Unemployment (% of total labor force, ages 15-64)	16	56	38	63	53	37	39
Not in education, employment or training (% of population, ages 15-24)	27	76	37	86	67	26	46
<b>Health</b>							
Health insurance coverage (% of population, ages 16+)	N/A	27	43	28	26	43	44
Self-reported unmet need for medical care (% of population, ages 16+)	N/A	36	22	37	34	22	22
Self-perceived health (% of population reporting good or very good health)	N/A	60	69	57	63	67	72
Use of preventive care (% of population, ages 16+)	N/A	44	67	48	39	65	69
<b>Housing</b>							
Access to piped water inside the dwelling (% of population)	92	48	90	47	50	90	89
Access to public sewerage or waste water tank (% of population)	N/A	62	76	62	63	75	78
Access to toilet inside the dwelling (% of population)	92	49	91	48	51	90	92
Access to electricity (% of population)	100	84	94	82	85	93	95
Electricity used to heat dwelling (% of population)	N/A	12	24	13	12	25	23
Solid fuels (coal or wood) used to heat dwelling (% of population)	N/A	69	53	68	70	51	55
Mobile phone or landline (% of population)	N/A	86	97	86	87	96	97
Computer (% of population)	N/A	8	42	7	9	40	43
Overcrowding rate (% of population)	N/A	66	30	65	66	32	27
<b>Documentation</b>							
Birth certificate (% of population)	N/A	98	99	98	98	99	100
Identity card (% of population, ages 16+)	N/A	90	97	91	90	96	98
Returned from abroad during the past 12 months (% of population)	N/A	3	1	2	3	0	1

## DATA

Note: Roma refers to marginalized Roma and Non-Roma to their Non-Roma neighbors. Roma and non-Roma indicators are World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data. National-level data are from harmonized internationally comparable sources. Labor market national indicators are the latest available figures from World Bank, SEE Jobs Gateway (2016); electricity national indicator is from WDI 2017; for all other national indicators the source is HBS (2016).

# ROMA BRIEFS

## EUROPE AND CENTRAL ASIA

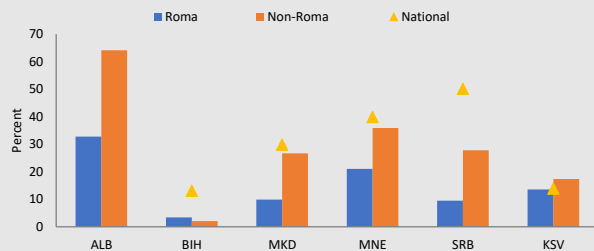
### BOSNIA & HERZEGOVINA

GDP per capita, PPP (current international \$)	12,876	2017
GNI per capita, Atlas method (current US\$)	4,940	2017
Rural population (% of total population)	52	2017
Roma population (% of total population)		
From Census	0.3	2011
From Council of Europe	1.1-2.2	2010

Sources: World Development Indicators, Census, and Council of Europe.

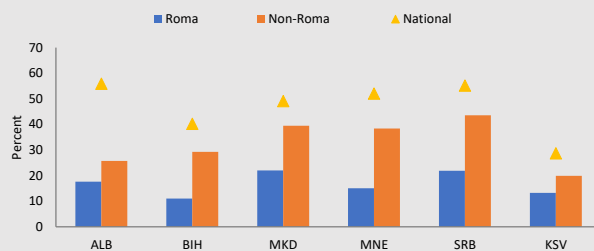
#### Adjusted net pre-primary enrollment rate (% of population, ages 3-5)

Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data. National estimates based on most recent MICS data available: BIH 2011-2012, MKD 2011, MNE 2013, SRB 2014, KSV 2012-2013.



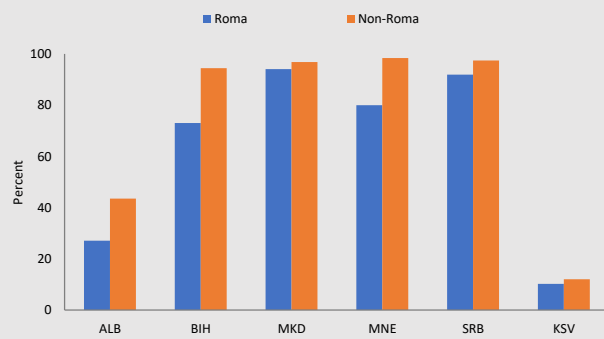
#### Employment to population ratio (% of population, ages 15-64)

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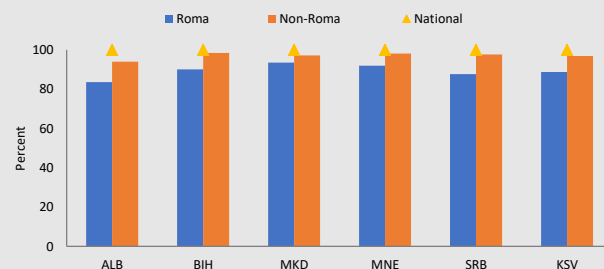
#### Health insurance coverage (% of population, ages 16+)

Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data.



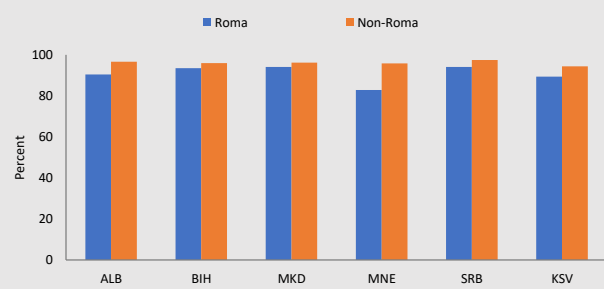
#### Access to electricity (% of population)

Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data. National estimates are from WDI 2017.



#### Identity card (% of population, ages 16+)

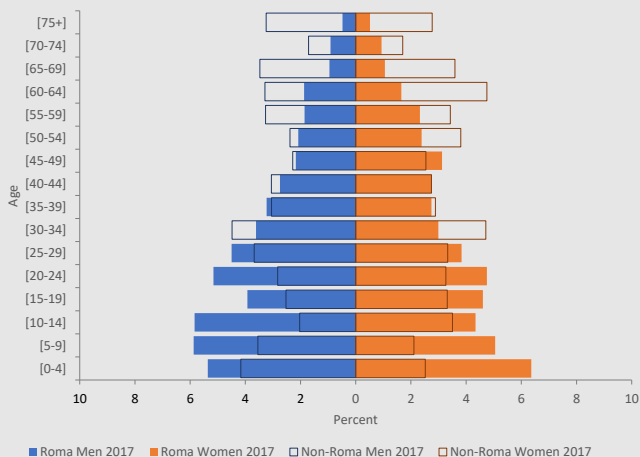
Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data.



#### DEMOGRAPHICS

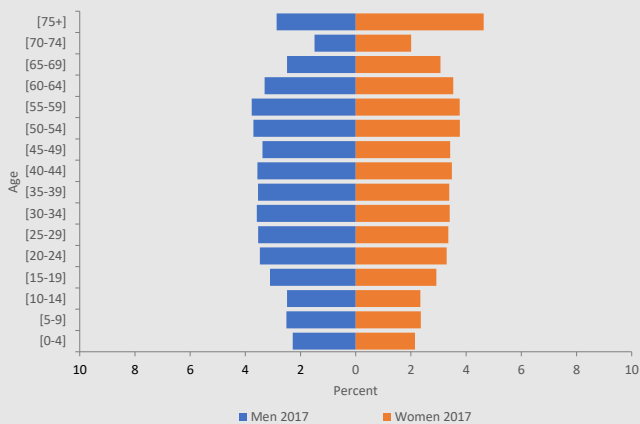
#### Roma and neighboring non-Roma distribution of male and female population by age (%), 2017

Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data.



#### National distribution of male and female population by age (%), 2017

Source: World Bank estimates based on United Nations, Department of Economic and Social Affairs, Population Division (2017). World Population Prospects: The 2017 Revision.

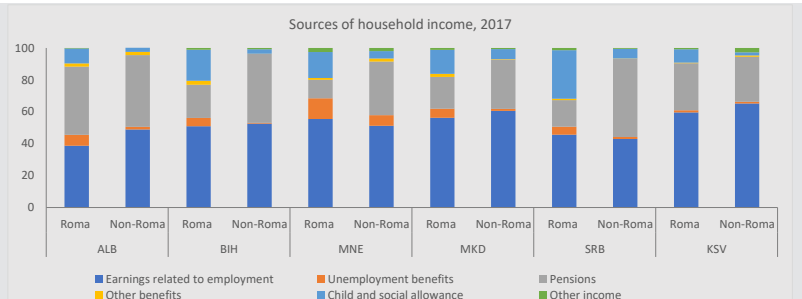


World Bank estimates based on the 2017 UNDP-World Bank-EC Regional Roma Survey. The survey was administered in all six Western Balkan countries: Albania, Bosnia and Herzegovina, North Macedonia, Montenegro, Serbia, and Kosovo. The survey – which is a repeater of the 2011 Regional Roma Survey – examines living conditions and key human development outcomes within Roma households and non-Roma living in close vicinity. The sample size consists of around 750 Roma and 350 non-Roma households in each country. The sample was purposefully not representative of all Roma in these countries, but rather focused on those communities where the Roma population's share equals or is higher than the national share of Roma population, the “marginalized Roma”. The “non-Roma” refer to non-Roma population living in close vicinity to the marginalized Roma, and are not representative of the total population in the country. The estimates using the Regional Roma Survey instrument allow for comparison of marginalized Roma with non-Roma living in close vicinity, as well as across countries in the study.

ROMA POPULATION

Sources of household income, 2017

(% of monthly total, avg)	Roma	Non-Roma
Earnings related to employment	51	53
Unemployment benefits	5	0
Pensions	21	43
Other benefits	2	0
Child and social allowance	20	3
Other income	1	1



Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data. Note: Roma refers to marginalized Roma and non-Roma to their non-Roma neighbors. Earnings related to employment include both wage and self-employment income; pensions include old age pension, family pension, disability pension, agricultural pension, and pension from private pension insurance; other benefits refer to monetary compensation for temporary inability to work (sick leave) and aid in connection with education (educational allowance); child and social allowances include allowances for assistance and care for another person, pregnancy and maternity leave allowances, last resort social assistance program, allowances and other income of socially vulnerable persons on the household, allowances for mothers of three or more children (only Montenegro), heating subsidies, subsidies for the utility services' bills, one-time financial assistance, parental allowance, and child allowance; and other income includes inter-household transfers (financial assistance or alimonies given or received by the household) and household income from renting room, flat or house. The sample is restricted to households who report positive household income.

KEY INDICATORS, 2017

	National	Roma	Non-Roma	Roma female	Roma male	Non-Roma female	Non-Roma male
<b>Demographics</b>							
Households with 4+ members (%)	15	37	11				
Age dependency ratio, young (% of working-age population, ages 15-64)	21	78	37				
Age dependency ratio, old (% of working-age population, ages 15-64)	18	5	16				
Share of households with female head (%)	26	24	25				
Average HH size	2.90	4.10	2.69				
<b>Education</b>							
Adjusted net pre-primary enrollment rate (% of population, ages 3-5)	13	3	2	1	6	0	4
Adjusted net compulsory education enrollment rate (% of population, ages 7-15)	N/A	72	91	70	73	93	88
Completion rate in compulsory education (% of population, ages 18-21)	N/A	42	94	36	50	94	96
Completion rate in upper secondary education (% of population, ages 22-25)	N/A	21	86	18	23	82	91
Completion rate in tertiary education (% of population, ages 26-29)	N/A	0	21	0	0	23	18
Students attending segregated schools (% of population, ages 7-15)	N/A	12	5	15	9	6	5
Students attending special schools (% of population, ages 7-15)	N/A	0	0	0	0	0	0
<b>Labor Markets</b>							
Employment (% of population, ages 15-64)	40	11	29	3	19	18	42
Labor force participation rate (% of population, ages 15-64)	54	25	40	13	38	27	56
Unemployment (% of total labor force, ages 15-64)	26	56	27	73	51	32	25
Not in education, employment or training (% of population, ages 15-24)	26	82	43	86	77	41	45
<b>Health</b>							
Health insurance coverage (% of population, ages 16+)	N/A	73	94	74	72	95	94
Self-reported unmet need for medical care (% of population, ages 16+)	N/A	33	15	40	24	16	15
Self-perceived health (% of population reporting good or very good health)	N/A	57	65	56	59	64	67
Use of preventive care (% of population, ages 16+)	N/A	49	66	51	47	74	57
<b>Housing</b>							
Access to piped water inside the dwelling (% of population)	N/A	85	96	83	89	96	96
Access to public sewerage or waste water tank (% of population)	N/A	68	80	69	68	81	80
Access to toilet inside the dwelling (% of population)	N/A	83	97	83	83	97	97
Access to electricity (% of population)	100	90	98	90	90	99	98
Electricity used to heat dwelling (% of population)	N/A	2	5	2	2	5	4
Solid fuels (coal or wood) used to heat dwelling (% of population)	N/A	97	84	97	97	82	86
Mobile phone or landline (% of population)	N/A	85	92	85	85	93	92
Computer (% of population)	58	25	59	26	24	59	59
Overcrowding rate (% of population)	N/A	65	21	64	66	23	20
<b>Documentation</b>							
Birth certificate (% of population)	N/A	98	100	98	99	100	100
Identity card (% of population, ages 16+)	N/A	93	96	94	93	96	96
Returned from abroad during the past 12 months (% of population)	N/A	1	0	1	1	0	1

DATA  
 Note: Roma refers to marginalized Roma and Non-Roma to their Non-Roma neighbors. Roma and non-Roma indicators are World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data. National-level data are from harmonized internationally comparable sources. Adjusted-net pre-primary national indicator is the most recent available figure from BIH MICS 2011-2012; labor market national indicators are the latest available figures from World Bank, SEE Jobs Gateway (2016); electricity national indicator is from WDI 2017; for all other national indicators the source is World Bank, ECAPOV (2015). The ECAPOV micro database for Bosnia and Herzegovina is based on HBS raw data.

# ROMA BRIEFS

## EUROPE AND CENTRAL ASIA

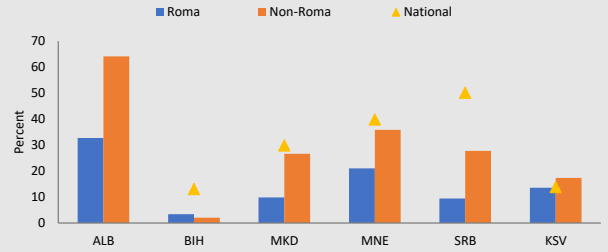
### KOSOVO

GDP per capita, PPP (current international \$)	10,754	2017
GNI per capita, Atlas method (current US\$)	3,890	2017
Rural population (% of total population)	..	2017
Roma population (% of total population)		
From Census	2.0	2011
From Council of Europe	1.4-2.8	2010

Sources: World Development Indicators, Census, and Council of Europe.

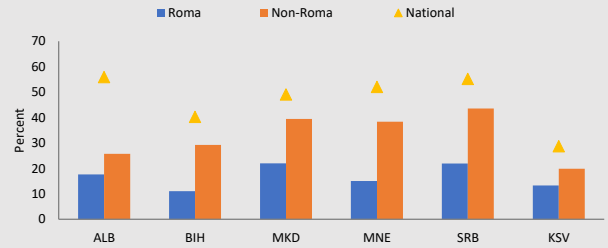
#### Adjusted net pre-primary enrollment rate (% of population, ages 3-5)

Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data. National estimates based on most recent MICS data available: BIH 2011-2012, MKD 2011, MNE 2013, SRB 2014, KSV 2012-2013.



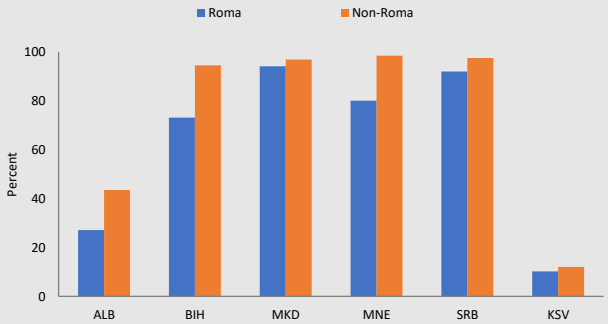
#### Employment to population ratio (% of population, ages 15-64)

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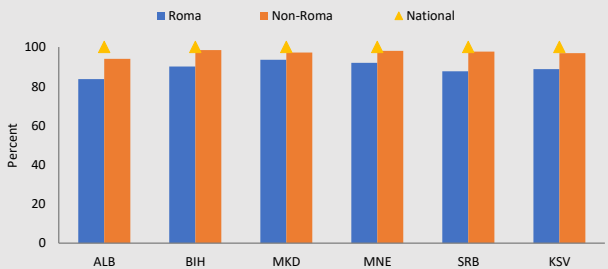
#### Health insurance coverage (% of population, ages 16+)

Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data.



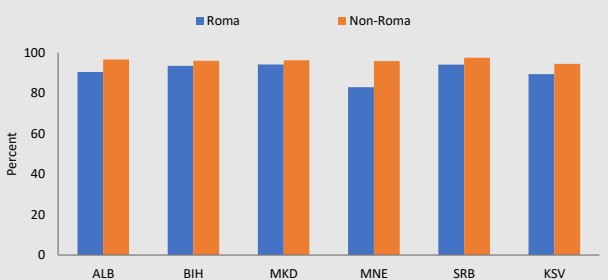
#### Access to electricity (% of population)

Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data. National estimates are from WDI 2017.



#### Identity card (% of population, ages 16+)

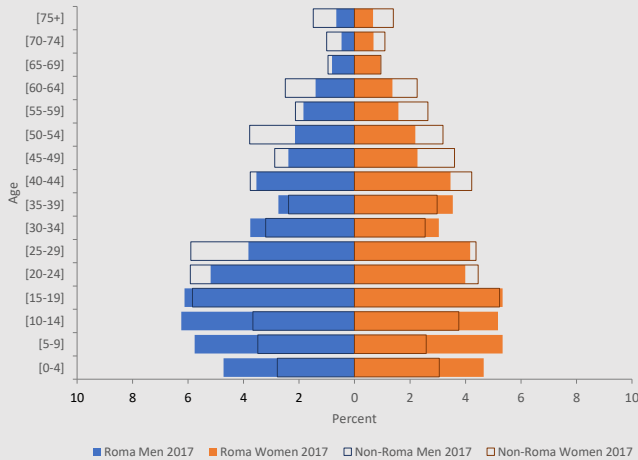
Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data.



#### DEMOGRAPHICS

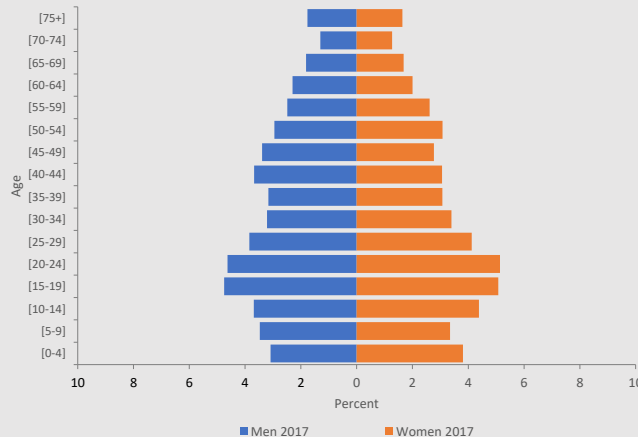
#### Roma and neighboring non-Roma distribution of male and female population by age (%), 2017

Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data.



#### National distribution of male and female population by age (%), 2017

Source: Kosovo National Statistics Agency (KAS).

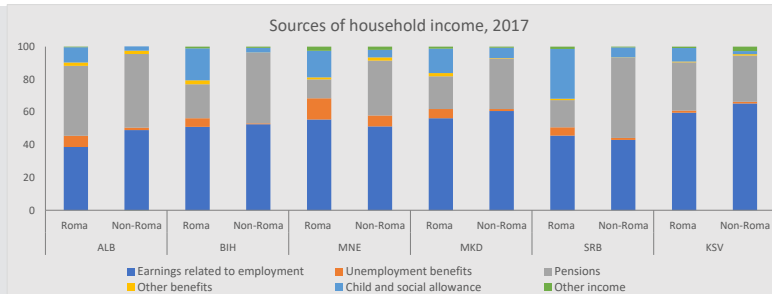


World Bank estimates based on the 2017 UNDP-World Bank-EC Regional Roma Survey. The survey was administered in all six Western Balkan countries: Albania, Bosnia and Herzegovina, North Macedonia, Montenegro, Serbia, and Kosovo. The survey – which is a repeater of the 2011 Regional Roma Survey – examines living conditions and key human development outcomes within Roma households and non-Roma living in close vicinity. The sample size consists of around 750 Roma and 350 non-Roma households in each country. The sample was purposefully not representative of all Roma in these countries, but rather focused on those communities where the Roma population's share equals or is higher than the national share of Roma population, the "marginalized Roma". The "non-Roma" refer to non-Roma population living in close vicinity to the marginalized Roma, and are not representative of the total population in the country. The estimates using the Regional Roma Survey instrument allow for comparison of marginalized Roma with non-Roma living in close vicinity, as well as across countries in the study.

## ROMA POPULATION

### Sources of household income, 2017

(% of monthly total, avg)	Roma	Non-Roma
Earnings related to employment	60	65
Unemployment benefits	1	1
Pensions	29	28
Other benefits	0	1
Child and social allowance	8	2
Other income	1	3



Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data. Note: Roma refers to marginalized Roma and non-Roma to their non-Roma neighbors. Earnings related to employment include both wage and self-employment income; pensions include old age pension, family pension, disability pension, agricultural pension, and pension from private pension insurance; other benefits refer to monetary compensation for temporary inability to work (sick leave) and aid in connection with education (educational allowance); child and social allowances include allowances for assistance and care for another person, pregnancy and maternity leave allowances, last resort social assistance program, allowances and other income of socially vulnerable persons on the household, allowances for mothers of three or more children (only Montenegro), heating subsidies, subsidies for the utility services' bills, one-time financial assistance, parental allowance, and child allowance; and other income includes inter-household transfers (financial assistance or alimonies given or received by the household) and household income from renting room, flat or house. The sample is restricted to households who report positive household income.

## KEY INDICATORS, 2017

	National	Roma	Non-Roma	Roma female	Roma male	Non-Roma female	Non-Roma male
<b>Demographics</b>							
Households with 4+ members (%)	59	57	44				
Age dependency ratio, young (% of working-age population, ages 15-64)	38	73	39				
Age dependency ratio, old (% of working-age population, ages 15-64)	18	7	12				
Share of households with female head (%)	11	10	12				
Average HH size	5.1	5.02	4.47				
<b>Education</b>							
Adjusted net pre-primary enrollment rate (% of population, ages 3-5)	14	14	17	12	15	5	27
Adjusted net compulsory education enrollment rate (% of population, ages 7-15)	N/A	73	92	72	74	90	95
Completion rate in compulsory education (% of population, ages 18-21)	N/A	62	95	55	67	94	96
Completion rate in upper secondary education (% of population, ages 22-25)	N/A	21	77	15	27	71	83
Completion rate in tertiary education (% of population, ages 26-29)	N/A	3	24	3	2	33	17
Students attending segregated schools (% of population, ages 7-15)	N/A	13	5	15	12	3	7
Students attending special schools (% of population, ages 7-15)	N/A	2	2	2	2	1	2
<b>Labor Markets</b>							
Employment (% of population, ages 15-64)	29	13	20	4	22	6	32
Labor force participation rate (% of population, ages 15-64)	40	26	29	9	42	13	45
Unemployment (% of total labor force, ages 15-64)	27	48	32	53	47	49	27
Not in education, employment or training (% of population, ages 15-24)	30	69	40	77	63	46	35
<b>Health</b>							
Health insurance coverage (% of population, ages 16+)	N/A	10	12	10	10	10	13
Self-reported unmet need for medical care (% of population, ages 16+)	N/A	26	23	27	25	28	17
Self-perceived health (% of population reporting good or very good health)	N/A	68	76	67	70	71	81
Use of preventive care (% of population, ages 16+)	N/A	54	63	55	54	65	62
<b>Housing</b>							
Access to piped water inside the dwelling (% of population)	99	85	96	87	84	96	96
Access to public sewerage or waste water tank (% of population)	N/A	75	91	75	75	91	91
Access to toilet inside the dwelling (% of population)	99	79	96	79	79	97	95
Access to electricity (% of population)	100	89	97	89	89	97	97
Electricity used to heat dwelling (% of population)	N/A	1	9	1	1	9	10
Solid fuels (coal or wood) used to heat dwelling (% of population)	N/A	99	87	99	99	88	87
Mobile phone or landline (% of population)	100	85	96	85	85	96	96
Computer (% of population)	84	33	60	34	33	58	62
Overcrowding rate (% of population)	N/A	71	51	71	71	53	49
<b>Documentation</b>							
Birth certificate (% of population)	N/A	97	98	97	97	98	98
Identity card (% of population, ages 16+)	N/A	89	94	88	91	95	94
Returned from abroad during the past 12 months (% of population)	N/A	1	0	1	1	0	1

### DATA

Note: Roma refers to marginalized Roma and Non-Roma to their Non-Roma neighbors. Roma and non-Roma indicators are World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data. National-level data are from harmonized internationally comparable sources. Adjusted-net pre-primary national indicator is the most recent available figure from KSV MICS 2012-2013; labor market national indicators are the latest available figures from World Bank, SEE Jobs Gateway (2016); electricity national indicator is from WDI 2017; for all other national indicators the source is World Bank, ECAPOV (2017). The ECAPOV micro database for Kosovo is based on HBS raw data.



# ROMA BRIEFS

## EUROPE AND CENTRAL ASIA

### NORTH MACEDONIA

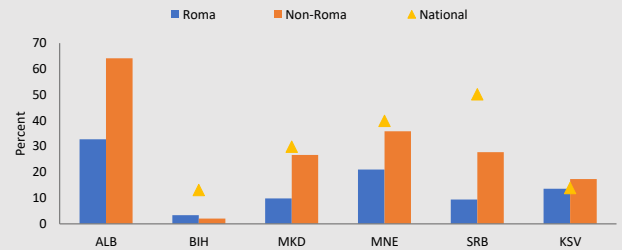
GDP per capita, PPP (current international \$)	15,231	2017
GNI per capita, Atlas method (current US\$)	4,880	2017
Rural population (% of total population)	42	2017
Roma population (% of total population)		
From Census	2.6	2002
From Council of Europe	6.5-12.6	2010

Sources: World Development Indicators, Census, and Council of Europe.

#### MAIN INDICATORS

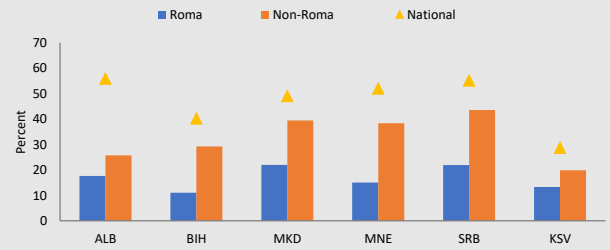
##### Adjusted net pre-primary enrollment rate (% of population, ages 3-5)

Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data. National estimates based on most recent MICS data available: BIH 2011-2012, MKD 2011, MNE 2013, SRB 2014, KSV 2012-2013.



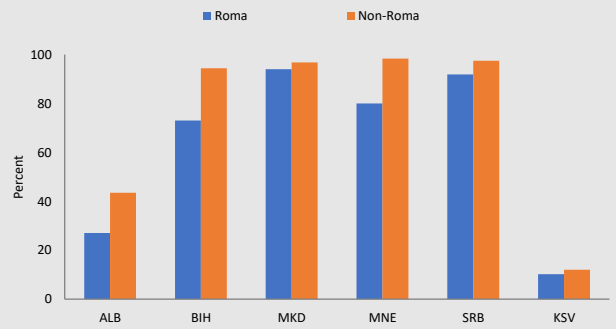
##### Employment to population ratio (% of population, ages 15-64)

Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data. National estimates are from World Bank, SEE Jobs Gateway (2016).



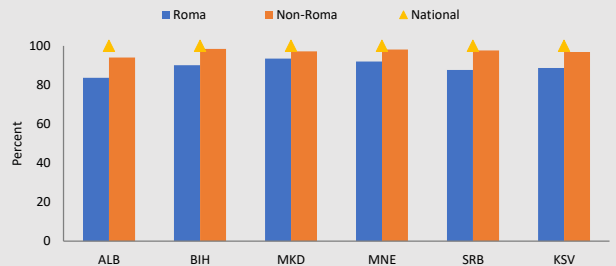
##### Health insurance coverage (% of population, ages 16+)

Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data.



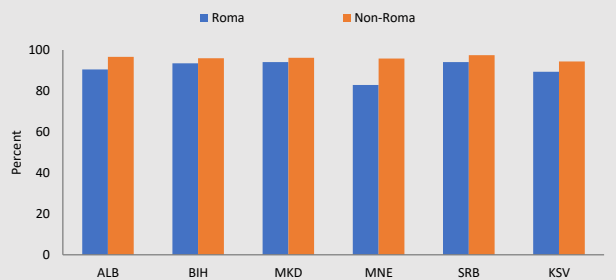
##### Access to electricity (% of population)

Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data. National estimates are from WDI 2017.



##### Identity card (% of population, ages 16+)

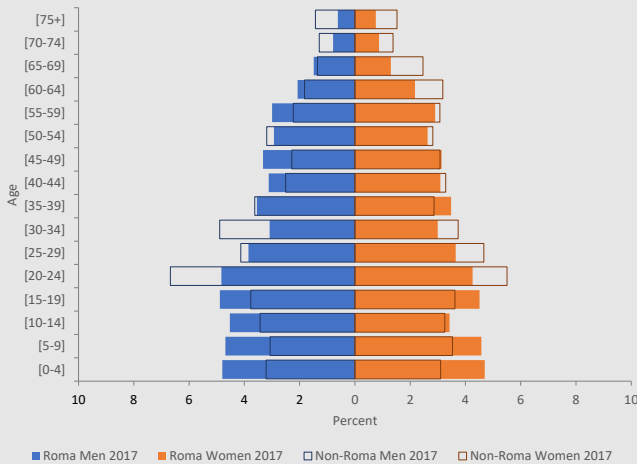
Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data.



#### DEMOGRAPHICS

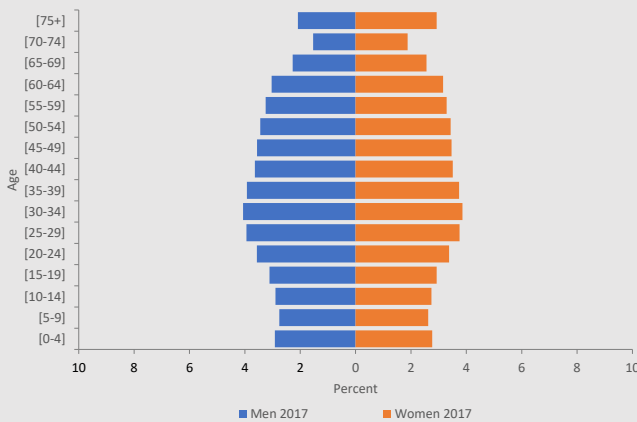
##### Roma and neighboring non-Roma distribution of male and female population by age (%), 2017

Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data.



##### National distribution of male and female population by age (%), 2017

Source: World Bank estimates based on United Nations, Department of Economic and Social Affairs, Population Division (2017). World Population Prospects: The 2017 Revision.

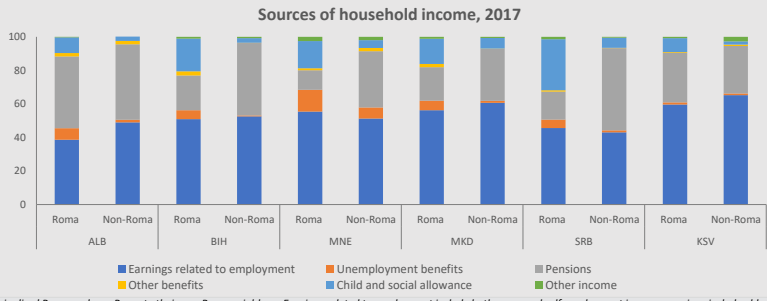


World Bank estimates based on the 2017 UNDP-World Bank-EC Regional Roma Survey. The survey was administered in all six Western Balkan countries: Albania, Bosnia and Herzegovina, North Macedonia, Montenegro, Serbia, and Kosovo. The survey – which is a repeater of the 2011 Regional Roma Survey – examines living conditions and key human development outcomes within Roma households and non-Roma living in close vicinity. The sample size consists of around 750 Roma and 350 non-Roma households in each country. The sample was purposefully not representative of all Roma in these countries, but rather focused on those communities where the Roma population's share equals or is higher than the national share of Roma population, the "marginalized Roma". The "non-Roma" refer to non-Roma population living in close vicinity to the marginalized Roma, and are not representative of the total population in the country. The estimates using the Regional Roma Survey instrument allow for comparison of marginalized Roma with non-Roma living in close vicinity, as well as across countries in the study.

ROMA POPULATION

Sources of household income, 2017

(% of monthly total, avg)	Roma	Non-Roma
Earnings related to employment	56	61
Unemployment benefits	6	1
Pensions	20	31
Other benefits	2	0
Child and social allowance	15	6
Other income	1	1



Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data. Note: Roma refers to marginalized Roma and non-Roma to their non-Roma neighbors. Earnings related to employment include both wage and self-employment income; pensions include old age pension, family pension, disability pension, agricultural pension, and pension from private pension insurance; other benefits refer to monetary compensation for temporary inability to work (sick leave) and aid in connection with education (educational allowance); child and social allowances include allowances for assistance and care for another person, pregnancy and maternity leave allowances, last resort social assistance program, allowances and other income of socially vulnerable persons on the household, allowances for mothers of three or more children (only Montenegro), heating subsidies, subsidies for the utility services' bills, one-time financial assistance, parental allowance, and child allowance; and other income includes inter-household transfers (financial assistance or alimonies given or received by the household) and household income from renting room, flat or house. The sample is restricted to households who report positive household income.

KEY INDICATORS, 2017

	National	Roma	Non-Roma	Roma female	Roma male	Non-Roma female	Non-Roma male
<b>Demographics</b>							
Households with 4+ members (%)	25	40	28				
Age dependency ratio, young (% of working-age population, ages 15-64)	25	56	44				
Age dependency ratio, old (% of working-age population, ages 15-64)	17	8	21				
Share of households with female head (%)	18	14	16				
Average HH size	3.69	4.08	3.58				
<b>Education</b>							
Adjusted net pre-primary enrollment rate (% of population, ages 3-5)	30	10	27	9	11	33	21
Adjusted net compulsory education enrollment rate (% of population, ages 7-15)	N/A	78	87	77	78	81	94
Completion rate in compulsory education (% of population, ages 18-21)	N/A	70	93	63	77	96	91
Completion rate in upper secondary education (% of population, ages 22-25)	N/A	32	87	32	33	88	86
Completion rate in tertiary education (% of population, ages 26-29)	N/A	3	30	4	2	35	26
Students attending segregated schools (% of population, ages 7-15)	N/A	40	12	32	46	12	12
Students attending special schools (% of population, ages 7-15)	N/A	3	6	2	3	5	8
<b>Labor Markets</b>							
Employment (% of population, ages 15-64)	49	22	39	13	31	26	52
Labor force participation rate (% of population, ages 15-64)	65	43	48	30	56	36	60
Unemployment (% of total labor force, ages 15-64)	24	49	19	58	45	26	14
Not in education, employment or training (% of population, ages 15-24)	24	67	27	75	60	27	27
<b>Health</b>							
Health insurance coverage (% of population, ages 16+)	N/A	94	97	95	93	97	97
Self-reported unmet need for medical care (% of population, ages 16+)	3	16	8	22	11	11	5
Self-perceived health (% of population reporting good or very good health)	78	57	62	56	59	61	62
Use of preventive care (% of population, ages 16+)	N/A	55	71	60	50	76	67
<b>Housing</b>							
Access to piped water inside the dwelling (% of population)	99	91	96	93	90	99	93
Access to public sewerage or waste water tank (% of population)	N/A	84	93	84	83	92	93
Access to toilet inside the dwelling (% of population)	94	75	93	76	73	93	93
Access to electricity (% of population)	100	93	97	94	93	97	97
Electricity used to heat dwelling (% of population)	N/A	10	15	11	10	16	15
Solid fuels (coal or wood) used to heat dwelling (% of population)	N/A	87	81	87	87	80	81
Mobile phone or landline (% of population)	99	91	95	92	91	95	96
Computer (% of population)	78	46	72	46	46	71	74
Overcrowding rate (% of population)	50	61	29	61	60	31	26
<b>Documentation</b>							
Birth certificate (% of population)	N/A	98	99	98	99	99	100
Identity card (% of population, ages 16+)	N/A	94	96	95	94	96	97
Returned from abroad during the past 12 months (% of population)	N/A	2	1	2	2	0	1

DATA

Note: Roma refers to marginalized Roma and Non-Roma to their Non-Roma neighbors. Roma and non-Roma indicators are World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data. National-level data are from harmonized internationally comparable sources. Adjusted-net pre-primary national indicator is the most recent available figure from MKD MICS 2011; labor market national indicators are the latest available figures from World Bank, SEE Jobs Gateway (2016); health national and overcrowding indicators are from Eurostat 2017; electricity national indicator is from WDI 2017; for all other national indicators the source is World Bank, EU-SILC (2016).





# ROMA BRIEFS

## EUROPE AND CENTRAL ASIA

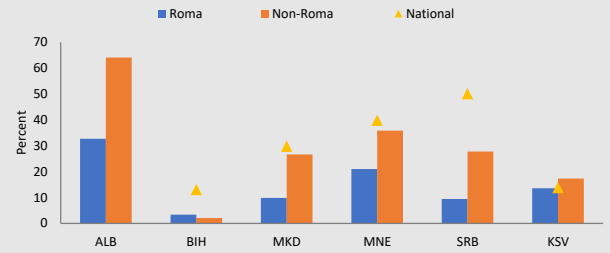
### MONTENEGRO

GDP per capita, PPP (current international \$)	18,765	2017
GNI per capita, Atlas method (current US\$)	7,350	2017
Rural population (% of total population)	34	2017
Roma population (% of total population)		
From Census	1.3	2011
From Council of Europe	2.4-4.0	2010

Sources: World Development Indicators, Census, and Council of Europe.

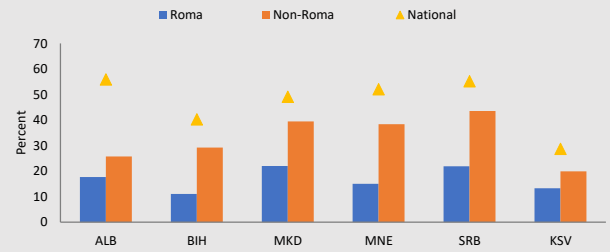
#### Adjusted net pre-primary enrollment rate (% of population, ages 3-5)

Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data. National estimates based on most recent MICS data available: BIH 2011-2012, MKD 2011, MNE 2013, SRB 2014, KSV 2012-2013.



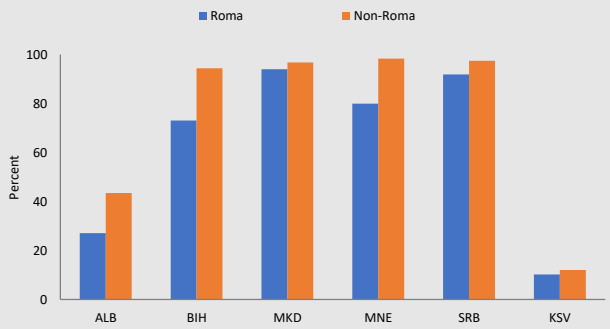
#### Employment to population ratio (% of population, ages 15-64)

Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data. National estimates are from World Bank, SEE Jobs Gateway (2016).



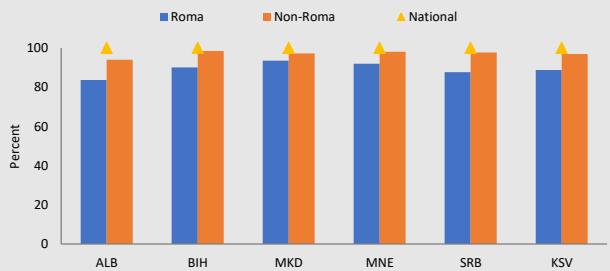
#### Health insurance coverage (% of population, ages 16+)

Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data.



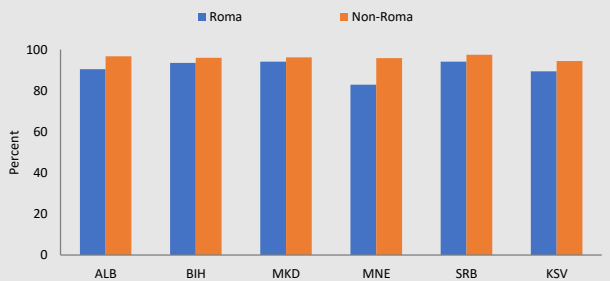
#### Access to electricity (% of population)

Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data. National estimates are from WDI 2017.



#### Identity card (% of population, ages 16+)

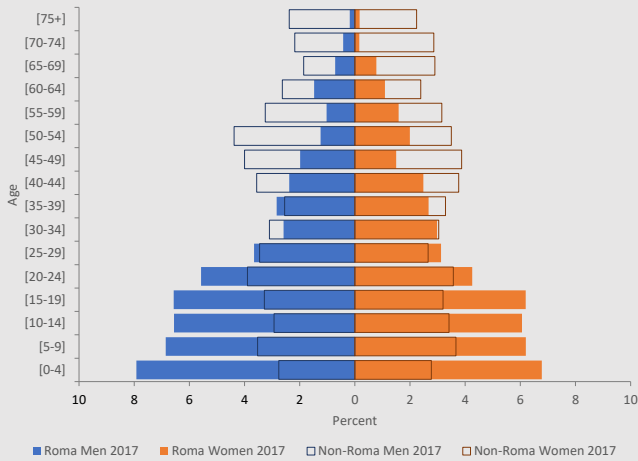
Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data.



#### DEMOGRAPHICS

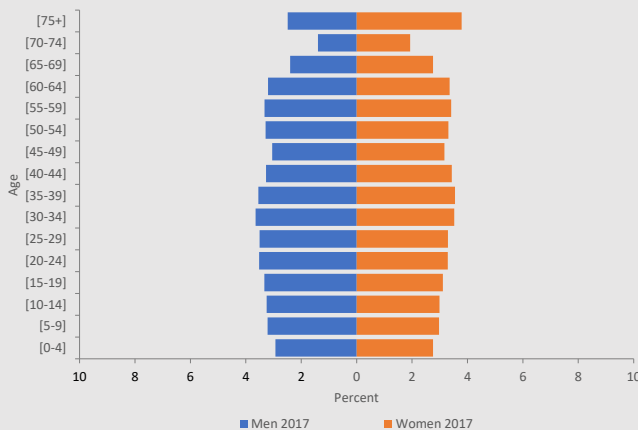
#### Roma and neighboring non-Roma distribution of male and female population by age (%), 2017

Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data.



#### National distribution of male and female population by age (%), 2017

Source: World Bank estimates based on United Nations, Department of Economic and Social Affairs, Population Division (2017). World Population Prospects: The 2017 Revision.

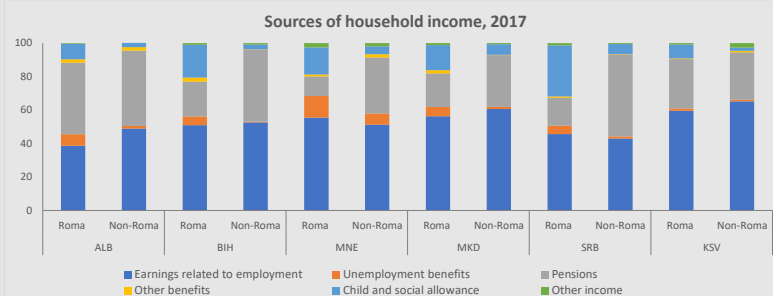


World Bank estimates based on the 2017 UNDP-World Bank-EC Regional Roma Survey. The survey was administered in all six Western Balkan countries: Albania, Bosnia and Herzegovina, North Macedonia, Montenegro, Serbia, and Kosovo. The survey – which is a repeater of the 2011 Regional Roma Survey – examines living conditions and key human development outcomes within Roma households and non-Roma living in close vicinity. The sample size consists of around 750 Roma and 350 non-Roma households in each country. The sample was purposefully not representative of all Roma in these countries, but rather focused on those communities where the Roma population's share equals or is higher than the national share of Roma population, the “marginalized Roma”. The “non-Roma” refer to non-Roma population living in close vicinity to the marginalized Roma, and are not representative of the total population in the country. The estimates using the Regional Roma Survey instrument allow for comparison of marginalized Roma with non-Roma living in close vicinity, as well as across countries in the study.

## ROMA POPULATION

### Sources of household income, 2017

(% of monthly total, avg)	Roma	Non-Roma
Earnings related to employment	55	51
Unemployment benefits	13	7
Pensions	12	34
Other benefits	1	2
Child and social allowance	16	5
Other income	3	2



Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data. Note: Roma refers to marginalized Roma and non-Roma to their non-Roma neighbors. Earnings related to employment include both wage and self-employment income; pensions include old age pension, family pension, disability pension, agricultural pension, and pension from private pension insurance; other benefits refer to monetary compensation for temporary inability to work (sick leave) and aid in connection with education (educational allowance); child and social allowances include allowances for assistance and care for another person, pregnancy and maternity leave allowances, last resort social assistance program, allowances and other income of socially vulnerable persons on the household, allowances for mothers of three or more children (only Montenegro), heating subsidies, subsidies for the utility services' bills, one-time financial assistance, parental allowance, and child allowance; and other income includes inter-household transfers (financial assistance or alimonies given or received by the household) and household income from renting room, flat or house. The sample is restricted to households who report positive household income.

## KEY INDICATORS, 2017

	National	Roma	Non-Roma	Roma female	Roma male	Non-Roma female	Non-Roma male
<b>Demographics</b>							
Households with 4+ members (%)	21	49	15				
Age dependency ratio, young (% of working-age population, ages 15-64)	29	103	47				
Age dependency ratio, old (% of working-age population, ages 15-64)	21	3	10				
Share of households with female head (%)	23	21	37				
Average HH size	3.13	4.70	2.81				
<b>Education</b>							
Adjusted net pre-primary enrollment rate (% of population, ages 3-5)	40	21	36	19	23	30	41
Adjusted net compulsory education enrollment rate (% of population, ages 7-15)	N/A	62	92	61	63	92	91
Completion rate in compulsory education (% of population, ages 18-21)	N/A	34	97	30	38	96	98
Completion rate in upper secondary education (% of population, ages 22-25)	N/A	3	79	2	4	83	77
Completion rate in tertiary education (% of population, ages 26-29)	N/A	0	25	0	0	32	17
Students attending segregated schools (% of population, ages 7-15)	N/A	15	13	15	15	12	14
Students attending special schools (% of population, ages 7-15)	N/A	1	2	0	1	3	0
<b>Labor Markets</b>							
Employment (% of population, ages 15-64)	52	15	38	3	26	26	51
Labor force participation rate (% of population, ages 15-64)	63	19	41	5	33	28	55
Unemployment (% of total labor force, ages 15-64)	18	23	7	33	21	6	7
Not in education, employment or training (% of population, ages 15-24)	18	78	33	88	70	37	30
<b>Health</b>							
Health insurance coverage (% of population, ages 16+)	N/A	80	98	78	82	98	98
Self-reported unmet need for medical care (% of population, ages 16+)	9	22	9	27	18	11	7
Self-perceived health (% of population reporting good or very good health)	70	63	69	60	65	66	73
Use of preventive care (% of population, ages 16+)	N/A	48	79	48	47	81	77
<b>Housing</b>							
Access to piped water inside the dwelling (% of population)	98	72	96	75	71	94	97
Access to public sewerage or waste water tank (% of population)	97	55	84	55	56	84	84
Access to toilet inside the dwelling (% of population)	98	60	94	60	61	93	94
Access to electricity (% of population)	100	92	98	92	92	98	98
Electricity used to heat dwelling (% of population)	N/A	3	18	3	3	16	19
Solid fuels (coal or wood) used to heat dwelling (% of population)	N/A	95	80	95	94	81	79
Mobile phone or landline (% of population)	99	83	90	83	83	90	91
Computer (% of population)	54	19	52	18	19	49	56
Overcrowding rate (% of population)	N/A	78	40	77	78	41	40
<b>Documentation</b>							
Birth certificate (% of population)	N/A	96	100	96	97	100	100
Identity card (% of population, ages 16+)	N/A	83	96	81	85	96	96
Returned from abroad during the past 12 months (% of population)	N/A	1	1	0	1	1	1

### DATA

Note: Roma refers to marginalized Roma and Non-Roma to their Non-Roma neighbors. Roma and non-Roma indicators are World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data. National-level data are from harmonized internationally comparable sources. Adjusted-net pre-primary national indicator is the most recent available figure from MNE MICS 2013; labor market national indicators are the latest available figures from World Bank, SEE Jobs Gateway (2016); health national indicators are from Eurostat 2017; electricity national indicator is from WDI 2017; for all other national indicators the source is World Bank, ECAPOV (2015). The ECAPOV micro database for Montenegro is based on HBS raw data.

# ROMA BRIEFS

## EUROPE AND CENTRAL ASIA

### SERBIA

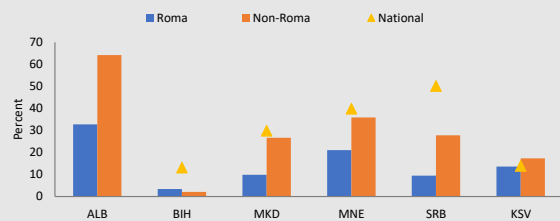
GDP per capita, PPP (current international \$)	15,090	2017
GNI per capita, Atlas method (current US\$)	5,180	2017
Rural population (% of total population)	44	2017
Roma population (% of total population)		
From Census	2.0	2011
From Council of Europe	5.5-11.1	2010

Sources: World Development Indicators, Census, and Council of Europe.

#### MAIN INDICATORS

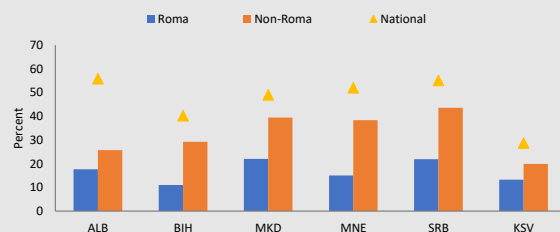
##### Adjusted net pre-primary enrollment rate (% of population, ages 3-5)

Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data. National estimates based on most recent MICS data available: BIH 2011-2012, MKD 2011, MNE 2013, SRB 2014, KSV 2012-2013.



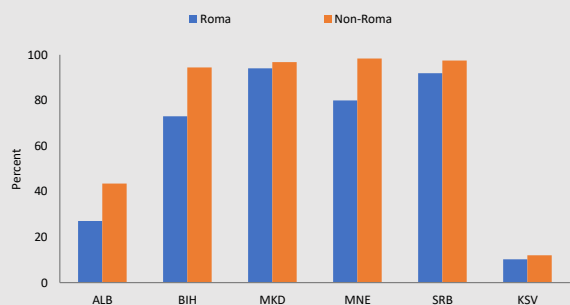
##### Employment to population ratio (% of population, ages 15-64)

Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data. National estimates are from World Bank, SEE Jobs Gateway (2016).



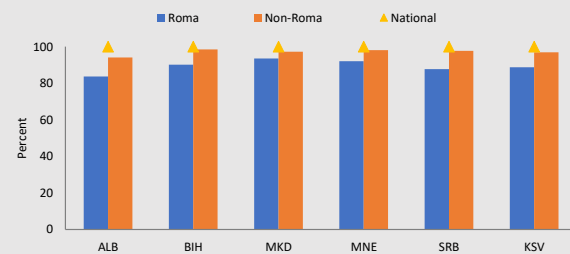
##### Health insurance coverage (% of population, ages 16+)

Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data.



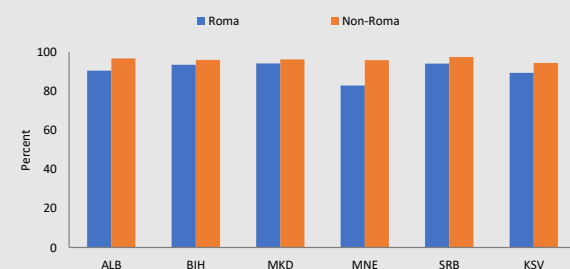
##### Access to electricity (% of population)

Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data. National estimates are from WDI 2017.



##### Identity card (% of population, ages 16+)

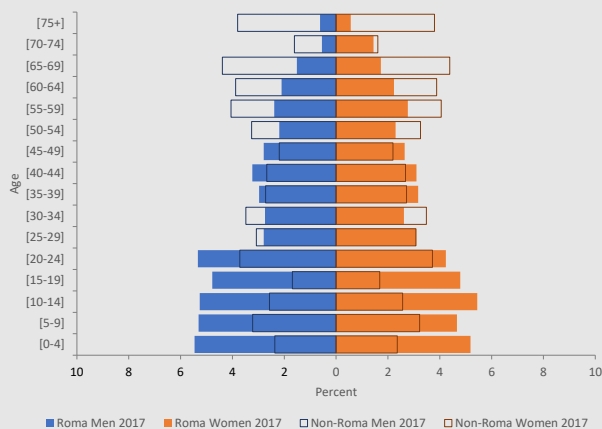
Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data.



#### DEMOGRAPHICS

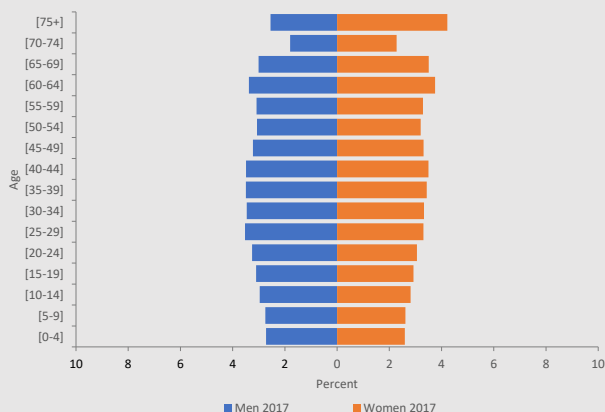
##### Roma and neighboring non-Roma distribution of male and female population by age (%), 2017

Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data.



##### National distribution of male and female population by age (%), 2017

Source: World Bank estimates based on United Nations, Department of Economic and Social Affairs, Population Division (2017). World Population Prospects: The 2017 Revision.

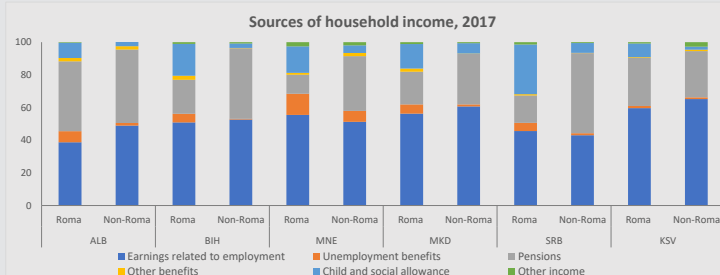


World Bank estimates based on the 2017 UNDP-World Bank-EC Regional Roma Survey. The survey was administered in all six Western Balkan countries: Albania, Bosnia and Herzegovina, North Macedonia, Montenegro, Serbia, and Kosovo. The survey – which is a repeater of the 2011 Regional Roma Survey – examines living conditions and key human development outcomes within Roma households and non-Roma living in close vicinity. The sample size consists of around 750 Roma and 350 non-Roma households in each country. The sample was purposefully not representative of all Roma in these countries, but rather focused on those communities where the Roma population's share equals or is higher than the national share of Roma population, the "marginalized Roma". The "non-Roma" refer to non-Roma population living in close vicinity to the marginalized Roma, and are not representative of the total population in the country. The estimates using the Regional Roma Survey instrument allow for comparison of marginalized Roma with non-Roma living in close vicinity, as well as across countries in the study.

## ROMA POPULATION

### Sources of household income, 2017

(% of monthly total, avg)	Roma	Non-Roma
Earnings related to employment	46	43
Unemployment benefits	5	1
Pensions	17	49
Other benefits	1	0
Child and social allowance	30	6
Other income	1	1



Source: World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data. Note: Roma refers to marginalized Roma and non-Roma to their non-Roma neighbors. Earnings related to employment include both wage and self-employment income; pensions include old age pension, family pension, disability pension, agricultural pension, and pension from private pension insurance; other benefits refer to monetary compensation for temporary inability to work (sick leave) and aid in connection with education (educational allowance); child and social allowances include allowances for assistance and care for another person, pregnancy and maternity leave allowances, last resort social assistance program, allowances and other income of socially vulnerable persons on the household, allowances for mothers of three or more children (only Montenegro), heating subsidies, subsidies for the utility services' bills, one-time financial assistance, parental allowance, and child allowance; and other income includes inter-household transfers (financial assistance or alimonies given or received by the household) and household income from renting room, flat or house. The sample is restricted to households who report positive household income.

## KEY INDICATORS, 2017

	National	Roma	Non-Roma	Roma female	Roma male	Non-Roma female	Non-Roma male
<b>Demographics</b>							
Households with 4+ members (%)	14	40	15				
Age dependency ratio, young (% of working-age population, ages 15-64)	21	74	33				
Age dependency ratio, old (% of working-age population, ages 15-64)	24	7	19				
Share of households with female head (%)	32	19	30				
Average HH size	2.81	4.05	2.74				
<b>Education</b>							
Adjusted net pre-primary enrollment rate (% of population, ages 3-5)	50	9	28	8	10	39	19
Adjusted net compulsory education enrollment rate (% of population, ages 7-15)	N/A	84	99	85	83	99	98
Completion rate in compulsory education (% of population, ages 18-21)	N/A	67	96	63	72	96	97
Completion rate in upper secondary education (% of population, ages 22-25)	N/A	19	93	9	25	95	89
Completion rate in tertiary education (% of population, ages 26-29)	N/A	1	16	2	0	26	6
Students attending segregated schools (% of population, ages 7-15)	N/A	10	12	9	12	4	18
Students attending special schools (% of population, ages 7-15)	N/A	2	0	1	4	0	0
<b>Labor Markets</b>							
Employment (% of population, ages 15-64)	55	22	44	11	33	35	53
Labor force participation rate (% of population, ages 15-64)	66	34	52	19	49	42	63
Unemployment (% of total labor force, ages 15-64)	16	36	16	45	32	16	16
Not in education, employment or training (% of population, ages 15-24)	18	62	33	75	51	31	36
<b>Health</b>							
Health insurance coverage (% of population, ages 16+)	N/A	92	97	92	92	99	96
Self-reported unmet need for medical care (% of population, ages 16+)	5	27	16	30	23	20	12
Self-perceived health (% of population reporting good or very good health)	57	52	59	47	58	56	63
Use of preventive care (% of population, ages 16+)	N/A	58	71	64	52	82	59
<b>Housing</b>							
Access to piped water inside the dwelling (% of population)	N/A	81	97	85	78	98	96
Access to public sewerage or waste water tank (% of population)	100	65	80	66	64	80	79
Access to toilet inside the dwelling (% of population)	N/A	72	95	73	71	95	94
Access to electricity (% of population)	100	88	98	88	87	98	97
Electricity used to heat dwelling (% of population)	N/A	8	12	8	8	12	11
Solid fuels (coal or wood) used to heat dwelling (% of population)	N/A	89	78	89	89	78	79
Mobile phone or landline (% of population)	98	88	95	87	89	95	94
Computer (% of population)	68	35	66	35	35	65	67
Overcrowding rate (% of population)	56	65	22	66	64	22	23
<b>Documentation</b>							
Birth certificate (% of population)	N/A	99	100	99	99	100	100
Identity card (% of population, ages 16+)	N/A	94	97	94	94	97	98
Returned from abroad during the past 12 months (% of population)	N/A	2	1	1	2	1	0

### DATA

Note: Roma refers to marginalized Roma and Non-Roma to their Non-Roma neighbors. Roma and non-Roma indicators are World Bank estimates based on weighted 2017 UNDP-World Bank-EC Regional Roma Survey data. National-level data are from harmonized internationally comparable sources. Adjusted-net pre-primary national indicator is the most recent available figure from SRB MICS 2011; labor market national indicators are the latest available figures from World Bank, SEE Jobs Gateway (2016); health national and overcrowding indicators are from Eurostat 2017; electricity national indicator is from WDI 2017; for all other national indicators the source is World Bank, ECAPOV (2015). The ECAPOV micro database for Serbia is based on HBS raw data.