

From ethno-statistics to ethno-politics - Is the population census a reliable source of data for ethno-demographic research?

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Methodological problems of the Census ethno-statistic data

1. The influence of national policies

- *An illusion of the **ethnic monolithicity** of the Kingdom of the SHS / Yugoslavia;*
- *Effect of the so-called new **methodological solutions to ethnographic records** to create new and unclear ethno-national modalities / identities;*
- *Politization of the censuses in the function of national counting and ethnic dispersion through targeted stratification of existing nationalities.*

2. The impact of using the subjective criteria as the official principle of national identification

- *The occurrence of **ethnic dissimulation** and ethnic transfer;*
- *Disagreement between **real ethnic** and **declared nationality**;*
- *The emergence of **flotant ethnic groups** in which variability is present in declaring their national, linguistic and religious identity;*
- *Expressed **alterophony** (disproportion of nationally declared (persons) in regard to mother tongue).*

3. The problem of categorization of minorities

- *ethnic minorities, national minorities, ethnic groups, nationalities, national groups (gradation in the function of ideological and political influence: nation-nationality-ethnic group)*

Population of the Republic of Serbia according to declared nationality, 1948–2011.

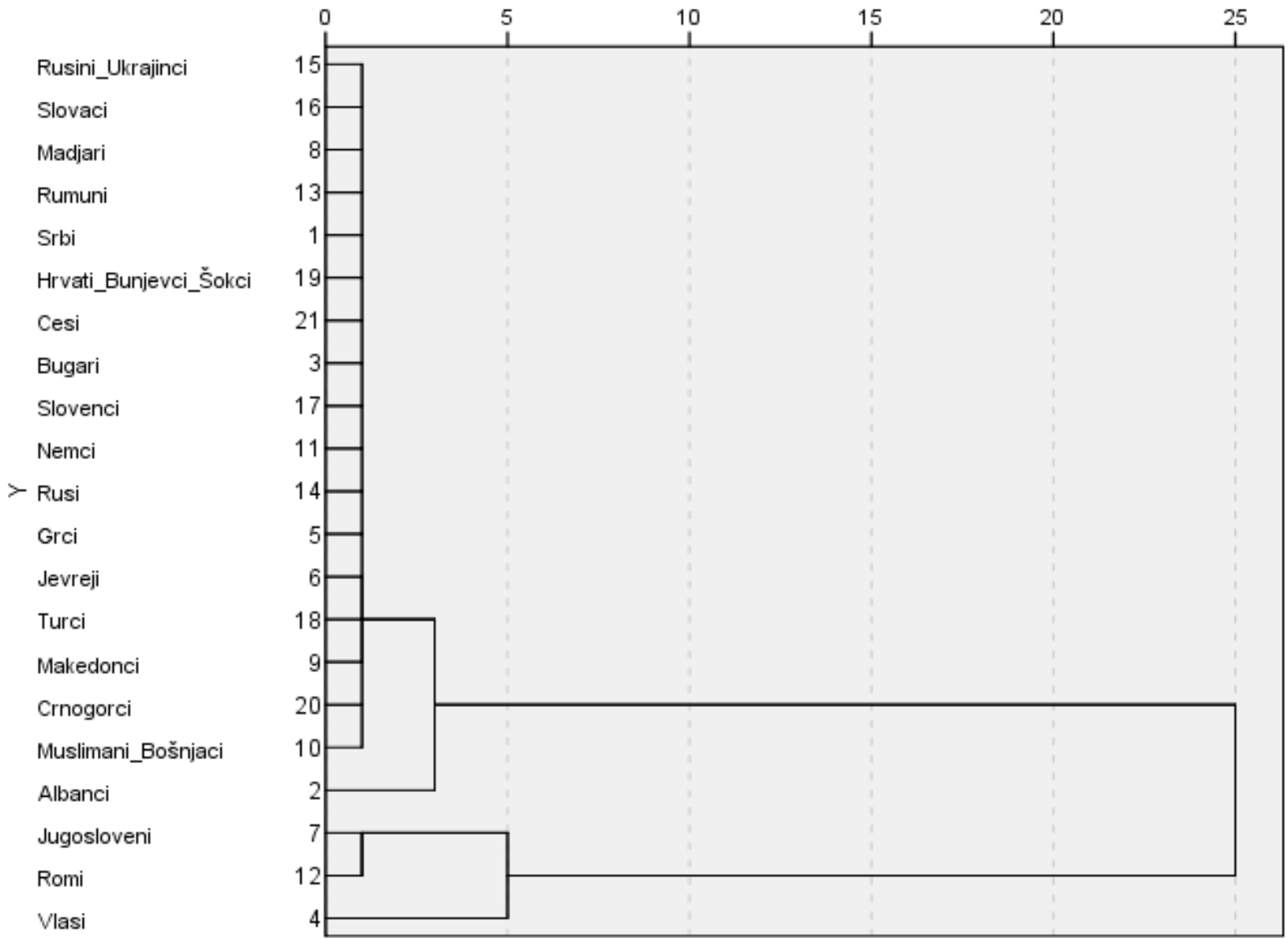
	1948	1953	1961	1971	1981	1991 ¹⁾	2002 ¹⁾	2011 ¹⁾
UKUPNO	6527966	6979154	7642227	8446591	9313677	7759920	7498001	7186862
Serbians	4823730	5152939	5704686	6016811	6182159	6252405	6212838	5988150
Albanians ³⁾	532011	565513	699772	984761	1303032	15406	61647	5809
Ashkali	/	/	/	/	/	/	584	997
Bosniaks	/	/	/	/	/	/	136087	145278
Bulgarians	59472	60146	58494	53800	33455	26698	20497	18543
Bunjevci ⁴⁾	/	/	/	/	/	21434	20012	16706
Vlachs	93440	28047	1368	14724	25596	17804	40054	35330
Gorani	/	/	/	/	/	/	4581	7767
Greeks ⁵⁾	/	1279	1178	840	757	916	572	725
Egyptians	/	/	/	/	/	433	814	1834
Jews ⁵⁾	/	1054	1250	1128	683	1107	1158	787
Armenians	/	/	/	/	/	/	/	222
Yugoslavs ⁶⁾	/	/	20079	123824	441941	320168	80721	23303
Hungarians	433701	441907	449587	430314	390468	343800	293299	253899
Macedonians	17917	27277	36288	42675	48986	45068	25047	22755
Muslims	17315	81081	93467	154330	215166	180222	19503	22301
Germans	41460	46228	14533	9086	5302	5172	3901	4064
Roma	52181	58800	9826	49894	110959	94492	108103	147604
Romanians	63160	59705	59505	57419	53693	42316	34576	29332
Russians	13329	7829	6984	4746	2761	2473	2588	3247
Rusyns ²⁾	22667	23720	25658	20608	19757	18052	15905	14246
Slovaks	73140	75027	77837	76733	73207	66772	59021	52750
Slovenians	20998	20717	19957	15957	12006	8001	5104	4033
Turks	1914	54526	44434	18220	13890	765	522	647
Ukrainians ²⁾	/	/	/	5643	5520	5042	5354	4903
Croatians ⁴⁾	169864	173246	196409	184913	149368	97344	70602	57900
Cincar	/	/	/	/	/	/	293	243
Montenegrins	74860	86061	104753	125560	147466	118934	69049	38527
Czechs	6760	5948	5133	4149	3225	2675	2211	1824
Sochs ⁴⁾	/	/	/	/	/	1738	717	607
Shopi	/	/	/	/	/	/	/	142
Others	9214	7807	7267	6989	17289	7166	7051	9530
Undeclared	/	/	/	4486	7834	10718	107732	160346
Regional	/	/	/	10409	6848	4841	11485	30771
Unknown	/	1994	5604	30274	43222	47958	75483	81740

Notes: ¹⁾ No data for AP Kosovo and Metohija; ²⁾ Before the 1971. census, the Ukrainians and the Rusyns were presented collectively; ³⁾ the incomplete coverage of the 1991. and 2011. censuses in the Preševo, Bujanovac and Medveda municipalities due to the boycott of the Albanian population; ⁴⁾ Before the 1991 census, the Bunjevci and Šokci were presented collectively with the Croats ; ⁵⁾ In the 1948 census, the FNR Yugoslavia recorded a total of 6,853 Jews and 1830 Greeks who were not specifically mentioned by republics but were classified into the category of others; ⁶⁾ In the census of 1961. the Yugoslav modality includes citizens who did not declare their nationality or declare their regional affiliation;

Growth Index of Serbian population according to declared nationality, 1948–2011.

	1953/48	1961/53	1971/61	1981/71	1991/81	2002/91	2011/02
TOTAL	106,9	109,5	110,5	110,3	83,3	96,6	95,9
Serbians	106,8	110,7	105,5	102,7	101,1	99,4	96,4
Albanians	106,3	123,7	140,7	132,3	1,2	400,1	9,4
Aschali	/	/	/	/	/	/	170,7
Bosniaks	/	/		/	/	/	106,8
Bulgarians	101,1	97,3	92,0	62,2	79,8	76,8	90,5
Bunjevci	/	/		/	/	93,4	83,5
Vlachs	30,01	4,9	1076,3	173,8	69,6	225,0	88,2
Gorani	/	/		/	/	/	169,5
Greeks	/	92,1	71,3	90,1	121,0	62,4	126,7
Egiptians	/	/	/		/	188,0	225,3
Jews	/	118,6	90,2	60,5	162,1	104,7	68,0
Yugoslavs	/	/	616,7	356,9	72,4	25,3	28,9
Hungarians	101,9	101,7	95,7	90,7	88,0	85,4	86,6
Macedonians	152,2	133,0	117,6	114,8	92,0	55,6	90,8
Muslims	468,3	115,3	165,1	139,4	83,8	10,8	114,3
Germans	111,5	31,4	62,5	58,35	97,5	75,4	104,2
Roma	112,7	16,7	507,8	222,4	85,2	114,4	136,5
Romanians	94,5	99,7	96,5	93,5	78,8	81,7	84,8
Russians	58,7	89,2	68,0	58,2	89,6	104,6	125,5
Rusyns	104,6	108,2	80,3	95,9	91,4	88,1	89,6
Slovaks	102,6	103,7	98,6	95,4	91,2	88,4	89,4
Slovenians	98,7	96,3	80,0	75,2	66,6	63,8	79,0
Ukrainians	/	/	/	97,8	91,3	106,2	91,6
Turks	2848,8	81,5	41,0	76,2	5,5	68,2	123,9
Croatians	102,0	113,4	94,1	80,8	65,2	72,5	82,0
Cincar	/	/		/	/	/	82,9
Montenegrines	115,0	121,7	119,9	117,4	80,7	58,1	55,8
Sochs	/	/	/	/	/	41,3	84,7
Czechs	88,0	86,3	80,8	77,7	82,9	82,7	82,5

The result of hierarchical cluster analysis (Ward Linkage method) to the original data of the growth index of the population of Serbia, according to declared nationality



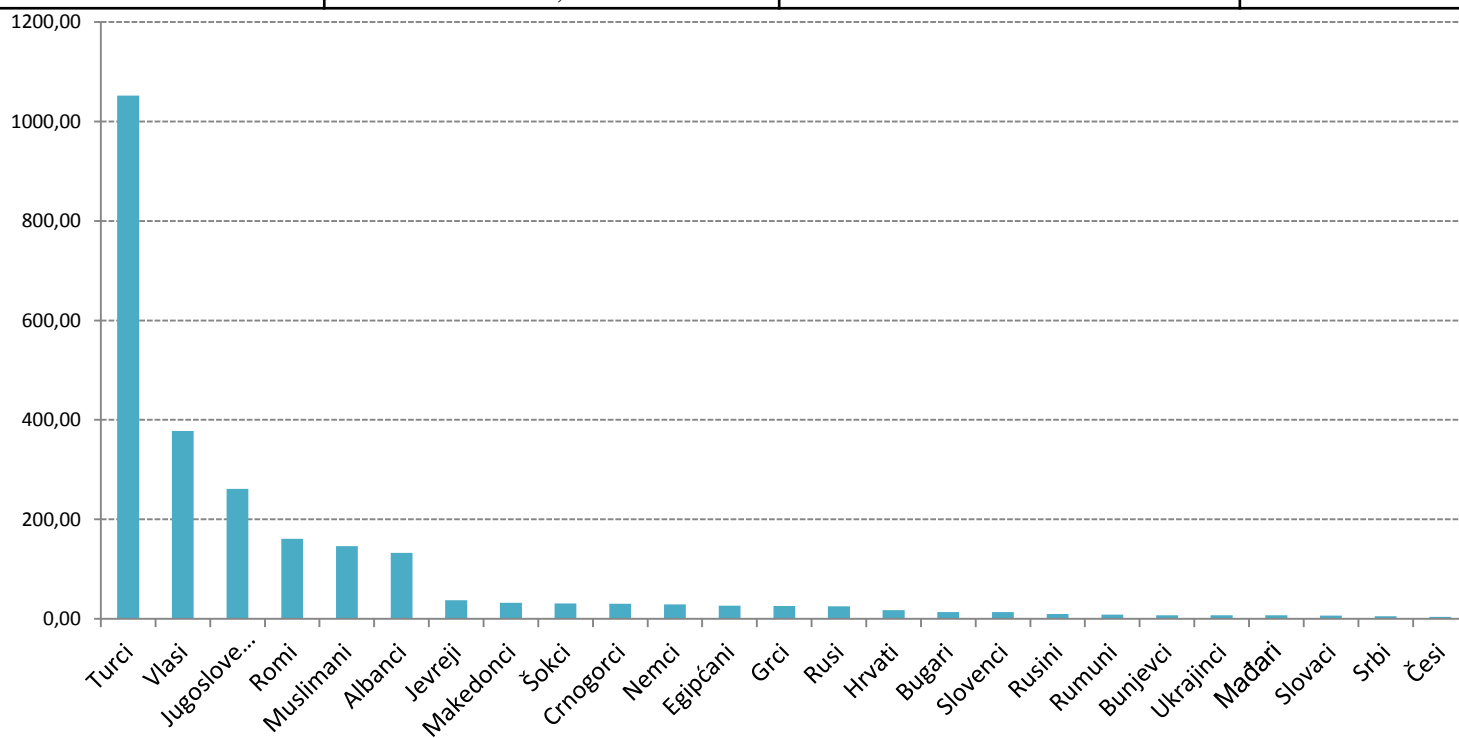
A model of the square euclidean distance was used to measure the similarity of the variation

Cluster affiliation of ethnic groups, according to growth index in the multiple choice clusters

	5 clusters	4 clusters	3 clusters	2 clusters
Serbians	1	1	1	1
Albanians	2	2	1	1
Bulgarians	1	1	1	1
Vlachs	3	3	2	2
Greeks	1	1	1	1
Jews	1	1	1	1
Yugoslavs	4	4	3	2
Hungarians	1	1	1	1
Macedonians	1	1	1	1
Muslims/Bosniaks	1	1	1	1
Germans	1	1	1	1
Roma	5	4	3	2
Romanians	1	1	1	1
Russians	1	1	1	1
Rusyns/Ukrainians	1	1	1	1
Slovaks	1	1	1	1
Slovenians	1	1	1	1
Turks	1	1	1	1
Croatians/Bunjevci/Sochs	1	1	1	1
Montenegrines	1	1	1	1
Czechs	1	1	1	1

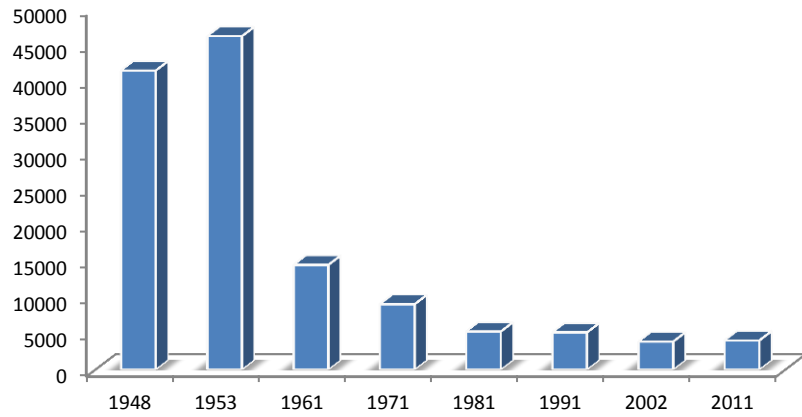
The standard deviation of the growth index by declared nationality, 1948–2011.

	StDev		StDev
TOTAL	10,3	Grci/Greeks	25,8
Turci /Turks)	1052,4	Rusi/Russians	25,0
Vlasi /Vlachs	377,6	Hrvati/Croatians	16,9
Jugosloveni /Yugoslavs	260,9	Bugari/Bulgarians	13,5
Romi/Roma	160,7	Slovinci/Slovenians	13,4
Muslimani/Muslims	145,8	Rusini/Rusyns	9,7
Albanci/Albanians	132,2	Rumuni/Romanians	8,1
Jevreji/Jews	37,1	Bunjevci/Bunjevci	7,0
Makedonci/Macedonians	31,7	Ukrajinci/Ukrainians	7,0
Šokci/Sokcs	30,7	Mađari/Hungarians	7,0
Crnogorci/Montenegrins	29,8	Slovaci/Slovaks	6,2
Nemci/Germans	28,8	Srbi/Serbs	4,8
Egipćani/Egyptians	26,4	Česi/Czehcs	3,4

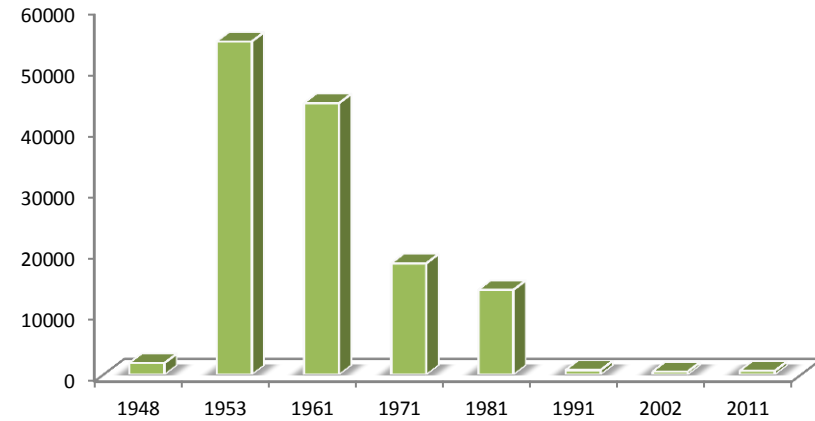


The number of declared Germans, Turks, Yugoslavs and Montenegrins in Serbia, 1948–2011.

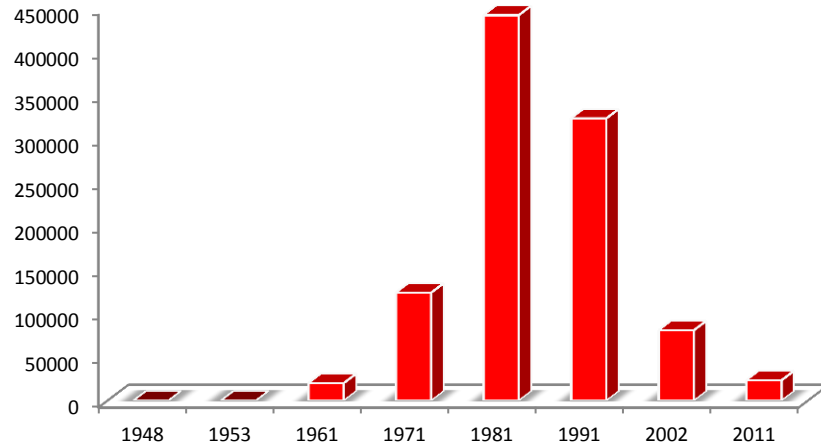
Germans



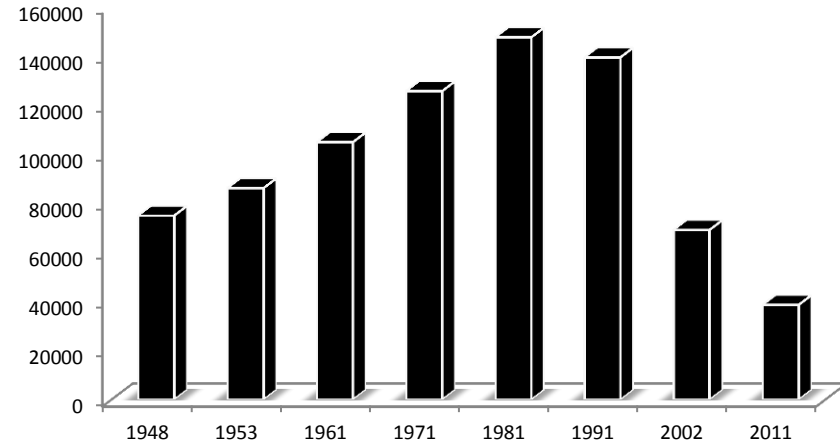
Turks



Yugoslavs

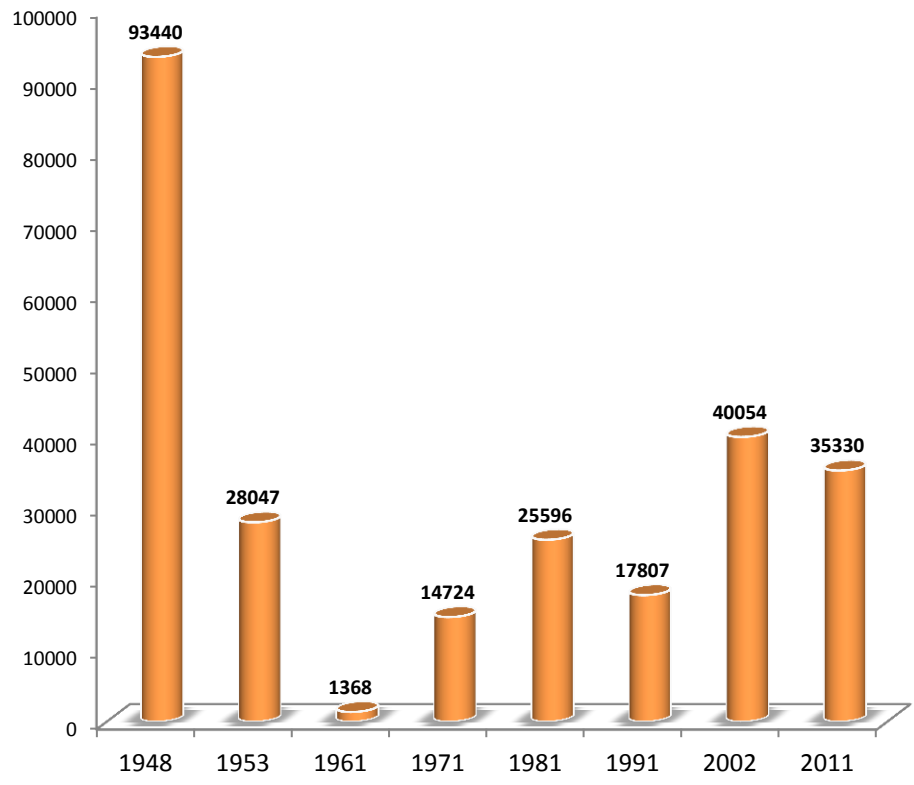


Montenegrins

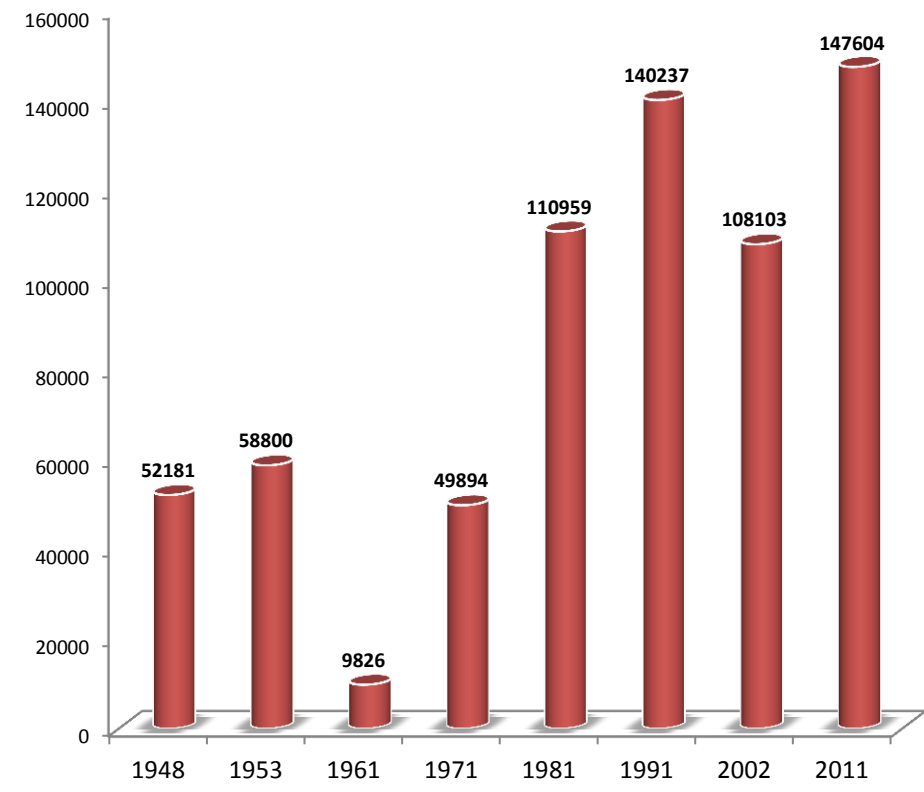


The number of declared Vlachs and Roma in Serbia, 1948–2011.

Vlachs



Roma



Natural increase (J) and the absolute growth (R) of selected varying ethnic groups in Serbia, 2002–2011.

	J	R
Albanians	7892	-55838
Montenegrins	-2139	-30522
Yugoslavs	383	-57418
Germans	-812	163
Roma	21301	39501
Vlachs	-525	-4724

Source: Demographic statistics and Census data (1971-2011), SZS and RZS, Belgrade.

Natural increase (J) and the absolute growth (R) of Vlachs in Serbia, 1970–2010.

	N	M	J	R
1971-1980	8	12	-4	10760
1981-1990	17	148	-131	7810
1991-2001	101	397	-296	22536
2002-2010	53	541	-488	4550
1971-2010	179	1098	-919	21029

Source: Demographic statistics and Census data (1971-2011), SZS and RZS, Belgrade.