



# *ENERBIO*

*Renewable energy sources and Biotechnologies  
between Friuli Venezia Giulia and Vojvodina*

*Pordenone – Trieste*

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*<http://www.enerbio.it>*

## Biotechnologies – Functional food (1)

Territory: 21.588 km<sup>2</sup> (Serbia: 88.407 km<sup>2</sup>) of which:

- Agricultural land: 82,9%
- Sown land: 72,1%

(Data in .000 ha)	Agricultural area			
	2008	2009	2010	Share 2010 Vojvodina/Serbia
<b>Sown area (of which):</b>	1.556	1.563	1.559	47,9
○ Maize	720	678	699	56,9
○ Wheat	244	302	243	50,2
○ Sunflower	173	144	157	91,8
○ Soya	133	135	159	93,0
<b>Orchards</b>	19	18	18	7,5
<b>Vineyards</b>	10	10	10	17,5
<b>Meadows</b>	41	41	42	6,7
<b>Pastures</b>	106	101	102	12,2
<b>TOTAL (other areas included)</b>	1.749	1.747	1.750	34,6

## *Dietary habits of population*

	2000		2006	
	Adults	Children and adolescents	Adults	Children and adolescents
<i>Three main meals</i>	71,9	85,6	56,6	74,4
<i>Mostly prevalent use of white bread</i>	43,4	58,6	57,2	74,6
<i>Use of animal fat</i>	40,5	41,1	33,8	31,6
<i>Use of fish less than once a week</i>	63,7	61,5	48,7	52,8
<i>Daily use of fresh vegetables</i>	42,5	46,3	54,8	48,9
<i>Daily use of fresh fruits</i>	34,4	46,2	44,0	51,6

## Dietary habits of population

<i>(Measurement units/year)</i>	2006		2010	
	<i>Rep. of Serbia</i>	<i>Vojvodina</i>	<i>Rep. of Serbia</i>	<i>Vojvodina</i>
<i>Bread and cereals (kg.)</i>	319,8	303,6	307,9	307,4
<i>Products from flour, pastas and other (kg.)</i>	21,6	19,9	27,3	24,6
<i>Rice (kg.)</i>	11,8	7,6	12,3	11,2
<i>Beef (fresh and frozen in kg.)</i>	13,8	9,5	10,5	9,0
<i>Pork (fresh and frozen in kg.)</i>	54,9	66,8	49,5	51,9
<i>Poultry (fresh and frozen in kg.)</i>	51,4	74,7	52,0	68,4
<i>Fish (fresh and frozen in kg.)</i>	15,1	12,0	13,0	11,4
<i>Milk (fresh and sterilized in l.)</i>	190,3	188,0	167,4	164,7
<i>Yogurt (l.)</i>	70,2	49,6	79,9	64,2
<i>Apples (kg.)</i>	38,2	41,5	40,4	44,1
<i>Grapes(kg.)</i>	6,2	6,2	6,5	6,2
<i>Other kind of fruits (kg.)</i>	65,4	58,4	56,0	46,8
<i>Fresh vegetables (kg.)</i>	58,5	52,3	69,7	61,3
<i>Honey (kg.)</i>	2,5	2,3	2,7	2,2
<i>Mineral and fresh water (l.)</i>	96,6	109,2	116,0	161,7
<i>Fruit juices (l.)</i>	43,9	35,7	59,5	57,2

## Causes of deaths

Year2009	Total Deaths	Circulatory system diseases	Neoplasms	Respiratory system diseases	Digestive System Diseases	Endocrine and metabolic diseases
Rep. of Serbia	104.400	56.951	21.415	4.203	3.621	3.175
Vojvodina	28.562	15.192	6.105	1.222	940	919
North Backa (Subotica)	3.032 (2.226)	1.641 (1.167)	718 (552)	87 (65)	109 (88)	92 (70)
Middle Banat (Zrenjanin)	3.099 (1.888)	1.778 (1.051)	571 (344)	100 (60)	92 (57)	132 (83)
North Banat (Kikinda)	2.570 (976)	1.336 (480)	582 (229)	108 (52)	100 (36)	115 (48)
South Banat (Pančevo)	4.384 (1.617)	2.637 (897)	887 (373)	164 (67)	121 (44)	68 (34)
West Backa (Sombor)	2.995 (1.335)	1.529 (607)	598 (247)	147 (60)	95 (48)	61 (26)
South Backa (Novi Sad)	7.762 (3.653)	3.944 (1.769)	1.818 (914)	432 (214)	280 (136)	298 (141)
Srem (S. Mitrovica)	4.410 (1.134)	2.327 (661)	931 (250)	184 (35)	143 (28)	163 (39)

## Distribution of physicians

	Physicians				N. of inhabitants per 1 physician	Pharmacists
	Total	General practitioners	In specialist training	Specialists		
(Year 2009)						
Rep. of Serbia	20.825	3.425	2.087	15.313	352	2.034
City of Belgrade	6.004	693	401	4.910	272	664
Vojvodina	4.804	1.073	546	3.185	410	451
North Backa	394	91	58	245	488	47
(Subotica)	(332)	(71)	(52)	(209)	(435)	(41)
Middle Banat	425	103	41	281	454	68
Zrenjanin)	(340)	(54)	(26)	(250)	(369)	(58)
North Banat	338	98	42	198	455	29
(Kikinda)	(141)	(39)	(8)	(94)	(438)	(16)
South Banat	725	170	90	465	415	74
(Pančevo)	(350)	(58)	(36)	(256)	(355)	(45)
West Backa	441	109	50	282	443	41
(Sombor)	(287)	(43)	(39)	(205)	(311)	(31)
South Backa	1.911	334	190	1.387	318	135
(Novi Sad)	(1.484)	(160)	(147)	(1.177)	(220)	(97)
Srem	570	168	75	327	571	57
(S. Mitrovica)	(237)	(32)	(45)	(160)	(344)	(28)

## Distribution of health structures

(Year 2009)	Primary health care centres	General hospitals	Special hospitals
Rep. of Serbia	157	40	37
City of Belgrade	16	-	7
Vojvodina	44	9	11
North Backa	3	1	1
(Subotica)	(1)	(-)	(-)
Middle Banat	5	1	2
(Zrenjanin)	(1)	(1)	(2)
North Banat	6	2	2
(Kikinda)	(1)	(1)	(-)
South Banat	8	2	3
(Pančevo)	(1)	(1)	(-)
West Backa	4	1	1
(Sombor)	(1)	(1)	(-)
South Backa	11	1	1
(Novi Sad)	(1)	(1)	(1)
Srem	7	1	2
(S. Mitrovica)	(1)	(1)	(-)