

Karyakin I.V. Review of the Modern Population Status of the Steppe Eagle in the World and in Russia. – Raptors Conservation. 2013. 26: 22-43.

Region	Estimated numbers, pairs		Population trend for the past 10-20 years	Sources
	Min	Max		
<b>European part of Russia</b>	866	1375		
Rostov district	5	10	Decreasing	Minoranskiy, 2004
Republic of Kalmykia	300	350	Very much decreasing	Belik, 2004; Medzhidov <i>et al.</i> , 2011a
Astrakhan district	50	100	Decreasing	Barabashin, 2004; Pestov, pers. com.; Karyakin, 2012a
Volgograd district	200	300	Decreasing	Barabashin, 2004; Chernobay, 2004; Chernobay, 2005; Chernobay <i>et al.</i> , 2005; Pestov, pers. com.; Karyakin, 2012a
Saratov district	100	200	Decreasing	Zavialov <i>et al.</i> , 2005; Barabashin, 2004; Karyakin, 2012a
Samara district	11	15	Very much decreasing	Karyakin, 2012a; Karyakin, Pazhenkov, 2008b
Orenburg district	200	400	Decreasing	Karyakin <i>et al.</i> , 2010
Republic of Bashkortostan			Extinct	Karyakin, 2012a; Moshkin, pers. com.; Karyakin, 2012a
<b>Asian part of Russia</b>	1238	1706		
Chekyabinsk district			Extinct	Karyakin, Kozlov, 1999; Moshkin, pers. com.; Karyakin, 2012a
Altai Krai	270	280	Stable	Karyakin <i>et al.</i> , 2005; Barashkova, Smelansky, pers. com; Karyakin, 2012a
Republic of Altai	400	600	Stable	Barashkova, Smelansky, pers. com; Karyakin, 2012a
Republic of Khakassia	100	150	Stable	Karyakin, 2012a
Krasnoyarsk Krai			Population number not known	
Republic of Tyva	300	400	Very much decreasing in 2002-2004. Currently in the process of recovery	Karyakin, 2006; 2012a
Irkutsk district	5	10	Decreasing	Karyakin <i>et al.</i> , 2006
Republic of Burjatia	58	68	No data	Karyakin <i>et al.</i> , 2006
Zabaykalskiy Krai	105	198	Very much decreasing	Karyakin <i>et al.</i> , 2010; 2012
<b>RUSSIA</b>	<b>2104</b>	<b>3081</b>	Decreasing	

Region	Year	Estimated numbers, pairs	Sources	Year	Estimated numbers, pairs	Sources	Trend
European part of Russia	1997	20000 (15000-25000)	Gorban <i>et al.</i> , 1997	2013	1120 (866-1375)	Karyakin, 2013	-94.4% per 16 years
Asian part of Russia	2005	2500 (2000-3000)	Karyakin, Nikolenko, Barashkova, Smelansky, pers. data	2013	1472 (1238-1706)	Karyakin, 2013	-41.1% per 8 years
<b>RUSSIA</b>		<b>22500 (17000-28000)</b>			<b>2592 (2104-3081)</b>		<b>-88.5%</b>

### Modern estimates of the Steppe Eagle populations in world

Region	Year	Estimated numbers, pairs	Sources	Year	Estimated numbers, pairs	Sources	Trend	The portion of the total world population
<i>European part of Russia</i>	1997	20000 (15000-25000)	<i>Gorban et al., 1997</i>	2013	1120 (866-1375)	<i>Karyakin, 2013</i>	-94.4% per 16 years	3.57%
<i>Asian part of Russia</i>	2005	2500 (2000-3000)	<i>Karyakin, Nikolenko, Barashkova, Smelansky, pers. data</i>	2013	1472 (1238-1706)	<i>Karyakin, 2013</i>	-41.1% per 8 years	4.69%
RUSSIA	1997-2005	22500 (17000-28000)	<i>Gorban et al., 1997; Karyakin, Nikolenko, Barashkova, Smelansky, pers. data</i>		2592 (2104-3081)	<i>Karyakin, 2013</i>	-88.5%	8.26%
KAZAKHSTAN	2006-2011	51000 (43000-59000)	<i>Karyakin, Novikova, 2006; Smelansky et al., 2006; Smelansky et al., 2008; Barashkova et al., 2009; Karyakin et al., 2011; Karyakin, 2013</i>	2015	26500 (22000-31000)	National Strategy of the Steppe Eagle Conservation in Russia, in press	-48.0%	84.47%
MONGOLIA	1999	1750 (1500-2000)	<i>Bold, Boldbaatar, 1999</i>	No data (we will take the estimate of the number as 1500-2000 pairs)			?	5.58%
CHINA	No data (we will take the estimate of the number as 400-600 pairs)			2013	500 (400-600)	<i>MaMing, Zhao, 2013</i>	?	1.59%
All Countries of the breeding range of the SE		30 (10-50)			30 (10-50)			0.09%
<b>WORLD</b>	1997-2011	<b>75780 (61910-89650)</b>		<b>2013-2015</b>	<b>31372 (26014-36731)</b>		<b>-58.6%</b>	

- Barashkova A.N., Smelansky I.E., Tomilenko A.A., Akentiev A.G.* Some Records of Raptors in the East Kazakhstan. - *Raptors Conservation* 2009, 17: 131-144
- Bold A., Boldbaatar Sh.* Steppe Eagle *Aquila nipalensis*. – *Scientific Proceedings of the National University of Mongolia. Biology.* 1999. 9 (146). P. 103–122. (in Mongolian).
- Gorban I., Morgan J., Shirihai H.* Steppe Eagle *Aquila nipalensis*. – *The EBCC Atlas of European Breeding Birds: Their Distribution and Abundance* / W.J.M. Hagemeyer and M.J. Blair eds. London, 1997. P. 163.
- Karyakin I.V.* Review of the Modern Population Status of the Steppe Eagle in the World and in Russia. – *Raptors Conservation.* 2013. 26: 22-43.
- Karyakin I.V., Kovalenko A.V., Levin A.S., Pazhenkov A.S.* Eagles of the Aral-Caspian Region, Kazakhstan – *Raptors Conservation.* 2011. № 22. P. 92-152.
- Karyakin I.V., Novikova L.M.* The Steppe Eagle and power lines in Western Kazakhstan. Is coexistence have any chance? - *Raptors Conservation* 2006, 6: 48-57.
- MaMing R., Zhao X.M.* Distribution Patterns and Ecology of the Steppe Eagle in China. – *Raptors Conservation.* 2013. 27: 172-179.
- Smelansky I.E., Barashkova A.N., Tomilenko A.A., Berezovikov N.N.* Raptors of the foothills of Kalbinsky Altai, Kazakhstan. - *Raptors Conservation* 2006, 7: 46-55.
- Smelansky I.E., Barashkova A.N., Tomilenko A.A., Ryzhkov D.V., Akentiev A.G.* Several Raptors Records in the Steppes of East Kazakhstan in 2007. - *Raptors Conservation* 2008, 12: 69-78