CONFOEDERATIO,
RESEARCH DIVISION (CRD).

SETTLEMENT GAZETTEER OF THE RUSSIAN CORE PRINCIPALITIES.

Supplementary Tabular Directory and Settlement Population Histories across Kievan Rus, Volga Bulgaria, Muscovy, and Imperial European Russia (10000BC - 1900AD).

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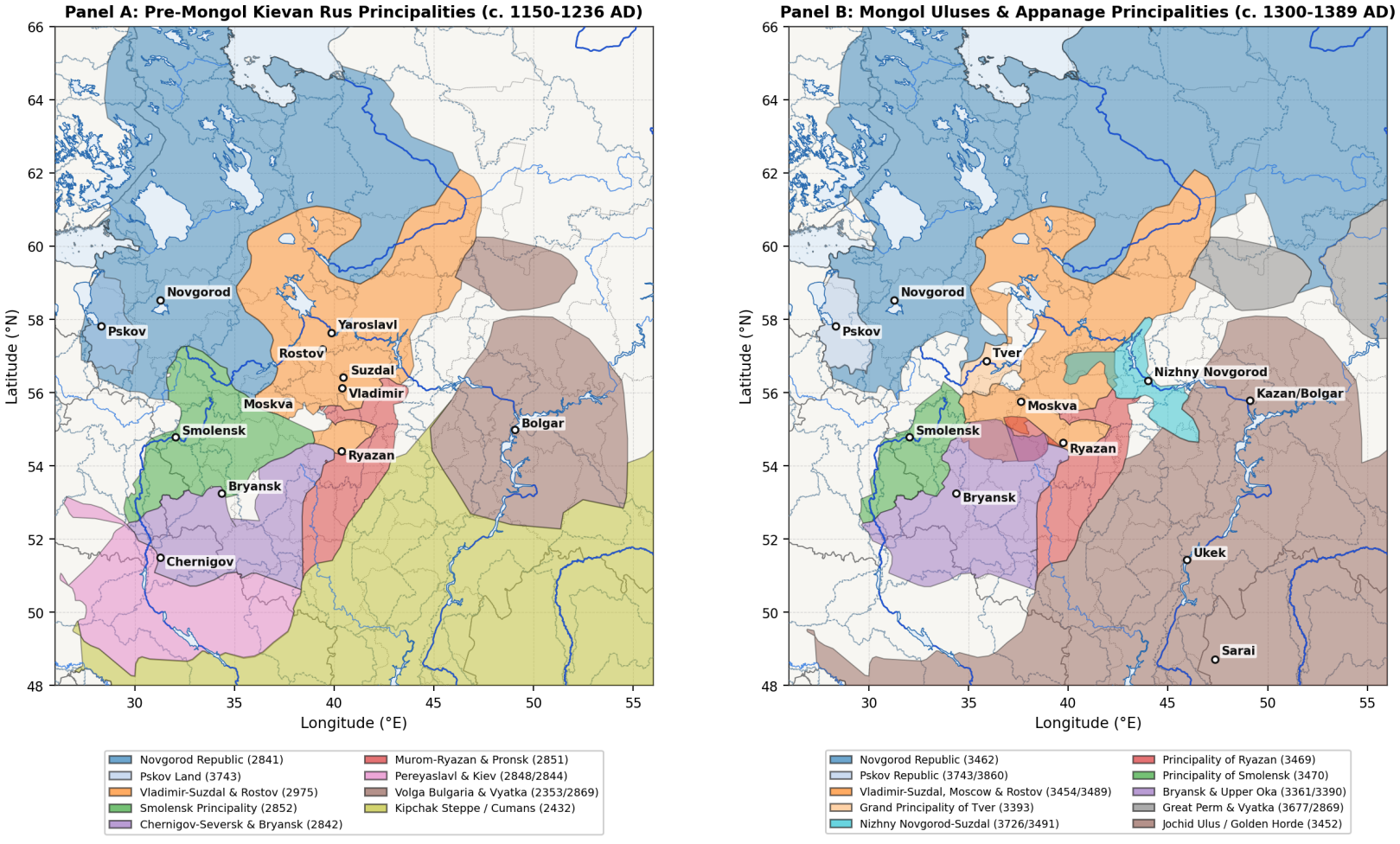


Figure 1. Regional boundaries, hydrological catchments, and principal settlements across the eight historical clusters of the Russian Core catalogued in russian_core_principalities_settlements.json.

Overview

This supplementary report presents the tabular settlement gazetteer (`russian_core_principalities_settlements.json`) accompanying the regional demographic review of the Russian Core Principalities (`russian_core_principalities_areal_masks_and_bins.pdf`). The JSON dataset contains 258 individual settlements across the eight regional clusters of European Russia (Novgorod and the Russian North, Vladimir-Suzdal and Rostov-Yaroslavl, Moscow and Tver, Ryazan and the Upper Oka, Smolensk and the Upper Dnieper, the Bryansk-Kursk-Voronezh Forest-Steppe, Nizhny Novgorod-Vyatka-Great Perm, and the Middle Volga and Cis-Urals) from 10000BC to 1900AD, formatted in the `population_Stadester` structure (keyed by `"<Name>-Russia"`, with `name`, `other_names`, `coords`, `country`, `key` and positive-integer `population` maps).

Population figures are compiled from excavated dwelling floors and settlement plans for Mesolithic, Neolithic, Bronze Age and Early Iron Age sites [1][2][3][4][5][6], walled urban footprints (`detinets` and `okolny gorod`) and unfortified `posad` areas for Kievan Rus, Volga Bulgaria and Golden Horde towns [7][8][9][10][11][12][13][14][15][16][17], and Muscovite cadastral books (`pistsovye knigi`), Imperial poll-tax revisions (`revizii`) and the 1897 First General Census for early modern and nineteenth-century towns [18][19][20][21][22][23][24][25][26].

Prehistoric, Bronze Age, and Early Iron Age Settlements (10000BC - 800AD)

Settlement	Alternative Names	Coords	Occupied Span	Population Estimates by Date
Sungir	Soun-Guir; Vladimir Upper Palaeolithic	56,18°N, 40,50°E	10000-8500BC	10000BC: 35; 8500BC: 40
Zaraysk Palaeolithic	Zarayskaya Stoyanka	54,76°N, 38,87°E	10000-8500BC	10000BC: 30; 8500BC: 35
Stanovoye 4	Stanovoe 4; Podozerskoye Bog	57,03°N, 40,18°E	8000-5000BC	8000BC: 25; 6500BC: 40; 5000BC: 50
Ivanovskoye 7	Ivanovskoe Bog; Lake Nero Mesolithic	57,13°N, 39,22°E	7500-4000BC	7500BC: 30; 6000BC: 45; 4000BC: 65
Nizhneye Veretye I	Veretye I; Kinema River	60,42°N, 38,95°E	7000-6000BC	7000BC: 45; 6000BC: 55
Zamostye 2	Zamostje 2; Dubna Bog	56,63°N, 37,78°E	6500-4200BC	6500BC: 35; 5500BC: 45; 4200BC: 60
Lyalovo	Ljalovo; Klyazma Neolithic	56,05°N, 37,23°E	4500-3200BC	4500BC: 50; 3800BC: 75; 3200BC: 65
Sakhtysh IIa	Sakhtysh II; Kojka Bog	56,78°N, 40,48°E	4500-2500BC	4500BC: 65; 3200BC: 140; 2500BC: 160
Sakhtysh VIII	Sakhtysh 8; Teykovo Bog	56,79°N, 40,49°E	4200-2400BC	4200BC: 50; 3000BC: 110; 2400BC: 120
Volosovo	Volosovskaya Stoyanka; Oka Eneolithic	55,62°N, 42,12°E	3500-2200BC	3500BC: 90; 2800BC: 145; 2200BC: 130
Volosovo-Danilovsky	Fatyanovo Danilov	58,18°N, 40,17°E	2600-1900BC	2600BC: 110; 2200BC: 150; 1900BC: 120
Fatyanovo	Fatjanovo; Tolga Bronze Age	57,72°N, 39,83°E	2500-2100BC	2500BC: 95; 2100BC: 130

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Settlement	Alternative Names	Coords	Occupied Span	Population Estimates by Date
Seima Dune	Seyminskiy Mogilnik; Volosovo-Seima	56,22°N, 43,18°E	2100-1700BC	2100BC: 120; 1700BC: 160
Galich Hoard Settlement	Turovskoye Galich	58,39°N, 42,34°E	2000-1600BC	2000BC: 85; 1600BC: 125
Pozdnyakovo	Pozdnjakovo; Murom Bronze Age	55,53°N, 42,08°E	1600-1200BC	1600BC: 130; 1200BC: 175
Govyadinovo	Govjadinovo; Kostroma Bronze Age	57,82°N, 40,85°E	1400-900BC	1400BC: 90; 900BC: 130
Dyakovo Gorodishche	Djakovo; Kolomenskoye Hillfort	55,66°N, 37,67°E	500BC - 500AD	500BC: 80; 200BC: 110; 1AD: 125; 300AD: 140; 500AD: 110
Shcherbinskoye Gorodishche	Shcherbinka Hillfort; Pakhra Iron Age	55,48°N, 37,59°E	500BC - 500AD	500BC: 75; 1AD: 115; 300AD: 130; 500AD: 95
Troitskoye Gorodishche	Troitskoe Hillfort; Mozhaisk Iron Age	55,53°N, 35,97°E	400BC - 500AD	400BC: 90; 1AD: 140; 250AD: 165; 500AD: 120
Borsheva Gorodishche	Borshevo Moskva; Ramenskoye Iron Age	55,51°N, 38,08°E	300BC - 600AD	300BC: 70; 1AD: 110; 350AD: 135; 600AD: 150
Supruty Gorodishche	Supruty on Upa	54,02°N, 37,13°E	1-900AD	1AD: 110; 800AD: 350
Moshchiny Gorodishche	Moschiny Hillfort	54,45°N, 35,13°E	200-700AD	200AD: 90; 450AD: 180; 700AD: 150
Ufa	Ufa II Gorodishche; Imenkovo-Bakhmutino Ufa	54,74°N, 55,97°E	400-1900AD	400AD: 800; 700AD: 1,5k
Kamno Gorodishche	Kamno Pskov	57,84°N, 28,20°E	500-950AD	500AD: 220; 750AD: 420
Pskov	Pleskov	57,82°N, 28,33°E	600-1900AD	600AD: 350
Lyubsha Fortress	Ljubshanskoye Gorodishche	60,02°N, 32,32°E	700-880AD	700AD: 180; 800AD: 320
Sarskoye Gorodishche	Sara River Hillfort	57,08°N, 39,29°E	700-1000AD	700AD: 250
Izborsk	Truvorovo Gorodishche; Stary Izborsk	57,71°N, 27,86°E	750-1900AD	750AD: 350
Staraya Ladoga	Aldeigjuborg; Ladoga	60,00°N, 32,30°E	750-1900AD	750AD: 250
Borshevo	Borshevskoye Gorodishche	51,32°N, 39,06°E	800-1050AD	800AD: 420
Mayatskoye	Mayaki Khazar Fortress	50,98°N, 39,30°E	800-900AD	800AD: 900

Table 1. Prehistoric, Neolithic, Bronze Age and Early Iron Age settlements of the Russian Core (10000BC - 800AD) compiled from russian_core_principalities_settlements.json.

Kievan Rus, Volga Bulgaria, and Golden Horde Settlements (850 - 1500AD)

Settlement	Historical Names	Coords	1000AD	1150AD	1200-1235AD	1300-1350AD	1500AD
Supruty Gorodishche	Supruty on Upa	54,02°N, 37,13°E	550	-	-	-	-
Ufa	Ufa II Gorodishche; Imenkovo-Bakhmutino Ufa	54,74°N, 55,97°E	1,2k	-	-	-	-
Kamno Gorodishche	Kamno Pskov	57,84°N, 28,20°E	650	-	-	-	-
Pskov	Pleskov	57,82°N, 28,33°E	3,5k	-	10,0k	14,0k	28,0k
Lyubsha Fortress	Ljubshanskoye Gorodishche	60,02°N, 32,32°E	220	-	-	-	-
Sarskoye Gorodishche	Sara River Hillfort	57,08°N, 39,29°E	400	-	-	-	-
Izborsk	Truvorovo Gorodishche; Stary Izborsk	57,71°N, 27,86°E	1,4k	-	2,2k	-	2,4k
Staraya Ladoga	Aldeigjuborg; Ladoga	60,00°N, 32,30°E	2,5k	-	2,0k	-	1,2k
Borshevo	Borshevskoye Gorodishche	51,32°N, 39,06°E	950	-	-	-	-
Mayatskoye	Mayaki Khazar Fortress	50,98°N, 39,30°E	1,6k	-	-	-	-
Bolshoye Timerovo	Timeriovo	57,56°N, 39,77°E	500	-	-	-	-
Gnezdovo	Gnyozdovo; Old Smolensk	54,78°N, 31,87°E	2,2k	-	-	-	-
Gornal	Bolshoye Gornalskoye	51,07°N, 35,22°E	900	-	-	-	-
Idnakar	Soldyrskoye Gorodishche	58,14°N, 52,71°E	1,8k	2,5k	1,2k	-	-
Rurikovo Gorodishche	Holmgard; Gorodishche on Volkhov	58,49°N, 31,30°E	1,5k	-	1,1k	-	600
Titchikha	Titchikhinskoye Gorodishche	51,15°N, 39,19°E	1,1k	-	-	-	-
Belozersk	Beloozero; Krutik	60,03°N, 37,79°E	900	2,8k	4,8k	5,2k	4,5k
Murom	Chaadaevo; Turom	55,58°N, 42,05°E	3,2k	-	8,5k	4,5k	5,8k
Rostov Veliky	Rostov	57,19°N, 39,41°E	4,5k	8,5k	14,0k	10,0k	9,0k
Smolensk	Smolensk-on-Dnieper	54,78°N, 32,04°E	6,0k	12,0k	25,0k	18,0k	16,0k

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Settlement	Historical Names	Coords	1000AD	1150AD	1200-1235AD	1300-1350AD	1500AD
Bolgar	Velikiy Bolgar; Spassk-Tatarskiy	54,99°N, 49,06°E	15,0k	-	25,0k	50,0k	6,0k
Staraya Ryazan	Old Ryazan; Shatrishche	54,40°N, 40,43°E	3,5k	9,0k	24,0k	2,5k	900
Suzdal	Souzdal	56,42°N, 40,45°E	3,0k	7,0k	12,0k	8,0k	7,5k
Suvar	Kuznechikha	54,69°N, 49,42°E	10,0k	-	15,0k	-	-
Veliky Novgorod	Novgorod; Gospodin Velikiy Novgorod	58,52°N, 31,27°E	10,0k	18,0k	28,0k	32,0k	26,0k
Bilyar	Bilyarsk; Velikiy Gorod	54,99°N, 50,39°E	6,0k	28,0k	60,0k	4,0k	-
Gochevo	Gochevskoye Gorodishche	51,18°N, 35,82°E	800	2,2k	3,5k	1,2k	-
Muromskiy Gorodok	Samarskaya Luka Bulgar Town	53,34°N, 49,48°E	3,5k	9,0k	12,0k	-	-
Uglich	Uglitsch; Uglichskoye Pole	57,53°N, 38,33°E	800	-	4,0k	3,8k	6,5k
Kursk	Kursk-on-Tuskar	51,74°N, 36,19°E	1,5k	4,5k	8,5k	-	-
Bryansk	Debryansk; Chashin Kurgan	53,25°N, 34,37°E	900	2,2k	-	6,5k	7,5k
Belgorod	Belgorod-Severskiy; Sarksiy	50,60°N, 36,59°E	900	-	-	-	-
Cherdyn	Velikaya Perm; Pokcha	60,40°N, 56,48°E	800	-	-	1,8k	3,2k
Dzhuketau	Zhukotin; Chistopol-Bulgar	55,38°N, 50,61°E	2,5k	-	8,5k	12,0k	3,5k
Staraya Russa	Rusa	57,99°N, 31,36°E	2,0k	-	6,5k	7,5k	8,5k
Toropets	Toropez; Krivich Toropets	56,50°N, 31,64°E	1,4k	2,5k	4,2k	3,8k	4,8k
Torzhok	Novy Torg	57,04°N, 34,96°E	1,2k	-	5,0k	4,2k	5,5k
Vladimir	Vladimir-on-Klyazma	56,13°N, 40,41°E	1,5k	4,5k	22,0k	11,0k	8,0k
Vshchizh	Vschizh on Desna	53,44°N, 33,79°E	1,2k	4,5k	-	-	-

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Settlement	Historical Names	Coords	1000AD	1150AD	1200-1235AD	1300-1350AD	1500AD
Yelabuga	Alabuga; Chortovo Gorodishche	55,76°N, 52,05°E	1,2k	-	2,5k	-	-
Kazan	Iske Kazan; Qazan	55,80°N, 49,11°E	1,5k	-	4,0k	-	35,0k
Yaroslavl	Jaroslawl	57,63°N, 39,88°E	1,5k	4,0k	9,0k	5,5k	9,5k
Pereyaslavl-Zalessky	Pereslavl-Zalessky	56,74°N, 38,86°E	-	-	8,0k	7,0k	6,2k
Starodub-Seversky	Starodub	52,58°N, 32,76°E	-	2,0k	5,5k	-	4,5k
Ryazan	Pereyaslavl-Ryazanskiy	54,63°N, 39,69°E	-	1,5k	4,5k	8,5k	12,0k
Rybinsk	Ust-Sheksna; Rybnaya Sloboda	58,04°N, 38,84°E	-	900	1,8k	-	1,5k
Pronsk	Pronskoye Gorodishche	54,12°N, 39,60°E	-	1,8k	5,5k	3,5k	3,2k
Ksnyatin	Konstantin	57,15°N, 37,73°E	-	1,2k	2,5k	-	800
Tver	Twer	56,86°N, 35,92°E	-	1,5k	4,5k	12,0k	15,0k
Volokolamsk	Volok Lamskiy	56,04°N, 35,96°E	-	1,6k	3,5k	4,0k	4,8k
Viazniki	Yaropolch-Zalesskiy	56,24°N, 42,16°E	-	1,2k	2,2k	-	-
Bezhetsk	Bezhetskiy Verkh; Gorodetsk	57,78°N, 36,70°E	-	1,4k	2,8k	-	3,5k
Mikhailov	Mikhaylov	54,23°N, 39,03°E	-	900	-	-	-
Olonets	Olonez	60,98°N, 32,97°E	-	500	-	-	1,2k
Roslavl	Rostislavl-Smolenskiy	53,95°N, 32,86°E	-	1,4k	2,6k	-	3,2k
Plyos	Ples	57,46°N, 41,52°E	-	900	-	-	1,8k
Karachev	Karatschew	53,12°N, 34,99°E	-	1,6k	3,0k	-	3,5k
Kozelsk	Kozelsk-on-Zhizdra	54,04°N, 35,78°E	-	1,5k	-	-	3,5k
Mtsensk	Mzenck	53,28°N, 36,57°E	-	1,4k	-	-	2,8k
Sevsk	Siewsk	52,15°N, 34,49°E	-	1,2k	-	-	-
Tula	Tula-on-Upa	54,20°N, 37,62°E	-	1,2k	-	2,5k	6,5k

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Settlement	Historical Names	Coords	1000AD	1150AD	1200-1235AD	1300-1350AD	1500AD
Yelets	Jelez	52,62°N, 38,50°E	-	2,0k	-	-	3,5k
Zaraysk	Osyotr; Nikola Zarazskiy	54,76°N, 38,87°E	-	1,1k	-	-	-
Belev	Belyov	53,81°N, 36,14°E	-	1,2k	-	-	3,2k
Moscow	Moskva	55,76°N, 37,62°E	-	1,2k	4,0k	15,0k	80,0k
Vologda	Nason-Gorod	59,22°N, 39,89°E	-	1,1k	2,0k	-	4,2k
Dorogobuzh	Dorogobuzh-on-Dnieper	54,92°N, 33,30°E	-	1,5k	2,8k	-	4,2k
Kexholm	Korela; Priozersk	61,04°N, 30,13°E	-	800	-	1,6k	2,8k
Tetyushi	Temtuzi	54,94°N, 48,84°E	-	1,2k	-	-	-
Yelnya	Yelna	54,58°N, 33,18°E	-	900	-	-	1,6k
Gorodets	Gorodets-Radilov; Gorodets-on-Volga	56,65°N, 43,47°E	-	2,0k	6,5k	5,5k	3,5k
Kasimov	Gorodets Meshcherskiy; Khankerman	54,94°N, 41,40°E	-	1,2k	-	2,5k	6,5k
Kideksha	Kidekscha	56,43°N, 40,53°E	-	1,4k	2,0k	700	500
Kostroma	Kostroma-on-Volga	57,77°N, 40,93°E	-	1,5k	4,5k	5,5k	8,5k
Lgov	Olgov	51,67°N, 35,26°E	-	1,1k	-	-	-
Rylsk	Rylsk-on-Seym	51,57°N, 34,68°E	-	2,0k	4,5k	-	4,0k
Starodub-on-Klyazma	Klyazminskiy Gorodok	56,39°N, 41,43°E	-	1,8k	3,8k	2,8k	1,5k
Yuryev-Polsky	Yuriev-Polskiy	56,50°N, 39,68°E	-	2,0k	4,5k	3,2k	3,5k
Zvenigorod	Zvenigorod Moskovskiy	55,73°N, 36,85°E	-	1,1k	-	2,2k	3,8k
Rostislavl-Ryazanskiy	Rostislavl on Oka	54,94°N, 38,62°E	-	1,4k	3,0k	2,2k	900
Dmitrov	Dmitrow	56,34°N, 37,52°E	-	1,4k	3,2k	3,8k	5,5k
Bogolyubovo	Bogoljubowo	56,20°N, 40,54°E	-	2,5k	3,5k	1,2k	900
Galich	Galich Mersky	58,38°N, 42,35°E	-	1,8k	-	3,5k	4,8k

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Settlement	Historical Names	Coords	1000AD	1150AD	1200-1235AD	1300-1350AD	1500AD
Trubchevsk	Trubetsk	52,58°N, 33,77°E	-	1,8k	3,2k	-	3,5k
Krasny	Krasn-Smolenskiy	54,56°N, 31,43°E	-	1,1k	-	-	1,5k
Velikiye Luki	Luki on Lovat	56,34°N, 30,53°E	-	1,5k	-	2,2k	3,8k
Gorokhovets	Gorochowez	56,20°N, 42,69°E	-	1,1k	-	-	-
Kolomna	Kolomna-on-Oka	55,08°N, 38,78°E	-	-	-	5,5k	11,0k
Kotelnich	Koshkarov	58,31°N, 48,35°E	-	-	800	-	1,8k
Vyatka	Khlynov; Kirov	58,60°N, 49,67°E	-	-	900	-	5,2k
Bolkhov	Bolchow	53,44°N, 36,00°E	-	-	1,2k	-	-
Kholm	Kholm-on-Lovat	57,15°N, 31,18°E	-	-	900	-	1,6k
Kholmogory	Cholmogeny; Ukhtostrov	64,22°N, 41,66°E	-	-	900	-	2,4k
Mologa	Kholopiy Gorodok	58,20°N, 38,44°E	-	-	1,5k	-	3,5k
Velikiy Ustyug	Gleden; Ustyug	60,76°N, 46,30°E	-	-	1,8k	-	3,8k
Kadom	Stary Kadom	54,56°N, 42,47°E	-	-	1,1k	-	2,5k
Rzhev	Rzheva Volodimerova	56,26°N, 34,33°E	-	-	1,8k	-	5,5k
Zubtsov	Subzow	56,17°N, 34,59°E	-	-	1,2k	2,8k	2,5k
Nizhny Novgorod	Nizhniy Novgorod; Gorky	56,33°N, 44,01°E	-	-	2,5k	8,0k	12,0k
Mozhaisk	Mozhaysk	55,50°N, 36,03°E	-	-	1,5k	2,8k	5,8k
Kashin	Kaschin	57,36°N, 37,61°E	-	-	-	3,8k	4,8k
Meshchovsk	Meschovsk	54,32°N, 35,28°E	-	-	-	-	2,6k
Porkhov	Porchov	57,77°N, 29,55°E	-	-	-	-	2,8k
Vyazma	Wjasmar	55,21°N, 34,29°E	-	-	-	-	5,5k
Koporye	Koporje	59,71°N, 29,03°E	-	-	-	900	1,4k
Tarusa	Tarusa-on-Oka	54,73°N, 37,18°E	-	-	-	-	2,2k

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Settlement	Historical Names	Coords	1000AD	1150AD	1200-1235AD	1300-1350AD	1500AD
Staritsa	Gorodok on Volga	56,51°N, 34,94°E	-	-	-	1,6k	3,5k
Cheboksary	Shupashkar; Veda-Suvar	56,15°N, 47,25°E	-	-	-	1,4k	2,2k
Dankov	Donkov	53,25°N, 39,16°E	-	-	-	900	-
Romanov-Borisoglebsk	Tutayev; Romanov	57,88°N, 39,54°E	-	-	-	1,8k	3,2k
Shenkursk	Vaga	62,11°N, 42,90°E	-	-	-	600	-
Ustyuzhna	Ustyuzhna Zheleznopol-skaya	58,84°N, 36,43°E	-	-	-	1,2k	4,2k
Mukhshi	Narovchat	53,88°N, 43,69°E	-	-	-	18,0k	2,5k
Klin	Klin-on-Sestra	56,33°N, 36,73°E	-	-	-	1,1k	2,2k
Gdov	Vdov	58,74°N, 27,81°E	-	-	-	600	2,0k
Shlisselburg	Oreshek; Noteborg	59,94°N, 31,03°E	-	-	-	800	2,0k
Ruza	Rusa Moskovskaya	55,70°N, 36,20°E	-	-	-	1,1k	2,4k
Serpukhov	Serpuchow	54,92°N, 37,41°E	-	-	-	2,0k	6,5k
Ostrov	Ostrov-Pskov	57,34°N, 28,35°E	-	-	-	900	2,5k
Aleksin	Aleksin-on-Oka	54,50°N, 37,07°E	-	-	-	1,2k	2,5k
Soligalich	Sol Galitskaya	59,08°N, 42,29°E	-	-	-	1,5k	3,2k
Kashira	Kaschira	54,84°N, 38,15°E	-	-	-	1,2k	2,8k
Borovsk	Borowsk	55,21°N, 36,49°E	-	-	-	1,5k	3,6k
Bely	Bely-on-Obsha	55,84°N, 32,94°E	-	-	-	1,2k	2,5k
Kaluga	Kaluga-on-Oka	54,53°N, 36,28°E	-	-	-	-	4,5k
Ostashkov	Klichen	57,15°N, 33,11°E	-	-	-	-	2,4k
Venyov	Gorodensk; Venev	54,35°N, 38,27°E	-	-	-	-	-
Vereya	Wereja	55,34°N, 36,19°E	-	-	-	-	3,2k
Kurmysh	Kurmysch	55,83°N, 46,05°E	-	-	-	-	2,5k

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Settlement	Historical Names	Coords	1000AD	1150AD	1200-1235AD	1300-1350AD	1500AD
Kargopol	Kargopole	61,51°N, 38,95°E	-	-	-	-	3,5k
Chukhloma	Tschuchloma	58,76°N, 42,69°E	-	-	-	-	2,0k
Elatma	Yelatma	54,97°N, 41,75°E	-	-	-	-	-
Yamburg	Yam; Kingisepp	59,37°N, 28,61°E	-	-	-	-	1,8k
Temnikov	Stary Temnikov	54,63°N, 43,21°E	-	-	-	-	-
Mamadysh	Mamadysch	55,72°N, 51,41°E	-	-	-	-	900
Aleksandrov	Aleksandrovskaya Sloboda	56,40°N, 38,71°E	-	-	-	-	800
Kirzhach	Kirschatsch	56,15°N, 38,85°E	-	-	-	-	600
Sergiyev Posad	Troitskiy Posad	56,30°N, 38,13°E	-	-	-	-	1,2k
Tikhvin	Tichwin; Tikhvinskiy Posad	59,65°N, 33,54°E	-	-	-	-	600
Maloyaroslavets	Yaroslavets	55,01°N, 36,47°E	-	-	-	-	1,8k
Lyskovo	Sundyry	56,01°N, 45,03°E	-	-	-	-	1,1k
Opochka	Opotschka	56,71°N, 28,66°E	-	-	-	-	2,6k
Sebezh	Sebesch	56,28°N, 28,48°E	-	-	-	-	1,2k
Kineshma	Kineschma	57,44°N, 42,15°E	-	-	-	-	1,2k
Solikamsk	Sol Kamskaya	59,63°N, 56,77°E	-	-	-	-	1,2k
Kalyazin	Kalyazina Sloboda	57,24°N, 37,86°E	-	-	-	-	900
Kem	KemskiyGorodok	64,96°N, 34,58°E	-	-	-	-	500
Orlov-Vyatka	Orlov; Khalturin	58,54°N, 48,89°E	-	-	-	-	1,1k
Vyshniy Volochyok	Vyshny Volochek	57,59°N, 34,56°E	-	-	-	-	900
Balakhna	Sol-na-Gorodtse	56,49°N, 43,54°E	-	-	-	-	2,5k
Bogorodsk	Noginsk; Rogozhi	55,85°N, 38,44°E	-	-	-	-	500
Borovichi	Borowitschi	58,39°N, 33,92°E	-	-	-	-	700

(Continued from previous page)

Settlement	Historical Names	Coords	1000AD	1150AD	1200-1235AD	1300-1350AD	1500AD
Dukhovshchina	Duchowschtschina	55,19°N, 32,41°E	-	-	-	-	600
Onega	Ust-Onega	63,91°N, 38,11°E	-	-	-	-	600
Porechye	Demidov; Kasplya Wharf	55,27°N, 31,52°E	-	-	-	-	800
Sychevka	Sytschewka	55,83°N, 34,27°E	-	-	-	-	700
Valday	Valdaiskoye Selo	57,97°N, 33,25°E	-	-	-	-	800

Table 2. Medieval Kievan Rus, Volga Bulgaria, Great Perm and Golden Horde settlements of the Russian Core (850 - 1500AD) compiled from russian_core_principalities_settlements.json.

Muscovite and Imperial Settlements (1550 - 1900AD)

Settlement	Alternative Names	Coords	1600AD	1700AD	1800AD	1850AD	1897AD	1900AD
Ufa	Ufa II Gorodishche; Imenkovo-Bakhmutino Ufa	54,74°N, 55,97°E	1,5k	4,5k	9,2k	16,5k	49,3k	52,8k
Pskov	Pleskov	57,82°N, 28,33°E	14,0k	11,0k	9,3k	15,1k	30,5k	31,8k
Izborsk	Truvorovo Gorodishche; Stary Izborsk	57,71°N, 27,86°E	-	1,2k	-	-	1,1k	1,2k
Staraya Ladoga	Aldeigjuborg; Ladoga	60,00°N, 32,30°E	-	800	-	-	950	1,0k
Belozersk	Beloozero; Krutik	60,03°N, 37,79°E	-	4,8k	4,2k	-	5,0k	5,2k
Murom	Chaadaevo; Turom	55,58°N, 42,05°E	-	6,4k	7,1k	10,5k	13,3k	14,0k
Rostov Veliky	Rostov	57,19°N, 39,41°E	-	7,5k	6,2k	9,1k	13,7k	14,2k
Smolensk	Smolensk-on-Dnieper	54,78°N, 32,04°E	-	9,5k	12,6k	18,2k	46,7k	49,8k
Bolgar	Velikiy Bolgar; Spassk-Tatarskiy	54,99°N, 49,06°E	-	1,5k	-	-	2,8k	2,8k
Staraya Ryazan	Old Ryazan; Shatrishche	54,40°N, 40,43°E	-	600	-	-	820	850
Suzdal	Souzdal	56,42°N, 40,45°E	-	6,2k	5,8k	6,5k	6,4k	6,6k

(Continued from previous page)

Settlement	Alternative Names	Coords	1600AD	1700AD	1800AD	1850AD	1897AD	1900AD
Veliky Novgorod	Novgorod; Gospodin Velikiy Novgorod	58,52°N, 31,27°E	8,0k	7,5k	10,8k	16,7k	25,7k	26,9k
Bilyar	Bilyarsk; Velikiy Gorod	54,99°N, 50,39°E	-	1,8k	-	-	2,4k	2,5k
Uglich	Uglitsch; Uglichskoye Pole	57,53°N, 38,33°E	-	5,8k	6,9k	10,2k	9,7k	10,0k
Kursk	Kursk-on-Tuskar	51,74°N, 36,19°E	5,5k	11,0k	18,5k	31,8k	75,7k	78,8k
Bryansk	Debryansk; Chashin Kurgan	53,25°N, 34,37°E	-	5,8k	7,2k	11,5k	24,8k	26,5k
Belgorod	Belgorod-Severskiy; Sarksiy	50,60°N, 36,59°E	3,2k	7,5k	10,2k	14,5k	26,6k	27,8k
Cherdyn	Velikaya Perm; Pokcha	60,40°N, 56,48°E	3,8k	2,9k	2,6k	-	3,7k	3,8k
Staraya Russa	Rusa	57,99°N, 31,36°E	3,2k	4,8k	5,6k	8,9k	15,2k	15,8k
Toropets	Toropez; Krivich Toropets	56,50°N, 31,64°E	-	5,6k	6,4k	-	7,4k	7,6k
Torzhok	Novy Torg	57,04°N, 34,96°E	-	6,2k	9,8k	14,2k	12,7k	13,1k
Vladimir	Vladimir-on-Klyazma	56,13°N, 40,41°E	-	5,5k	7,4k	13,2k	28,5k	30,2k
Yelabuga	Alabuga; Chortovo Gorodishche	55,76°N, 52,05°E	1,5k	2,4k	3,8k	6,2k	9,8k	10,2k
Kazan	Iske Kazan; Qazan	55,80°N, 49,11°E	22,0k	26,0k	42,0k	58,5k	130,0k	138,5k
Yaroslavl	Jaroslawl	57,63°N, 39,88°E	15,5k	17,5k	21,5k	28,5k	71,6k	74,0k
Pereyaslavl-Zalessky	Pereslavl-Zalessky	56,74°N, 38,86°E	-	6,5k	7,2k	8,6k	10,6k	11,0k
Starodub-Seversky	Starodub	52,58°N, 32,76°E	-	7,8k	8,9k	11,2k	26,3k	27,1k
Ryazan	Pereyaslavl-Ryazanskiy	54,63°N, 39,69°E	-	8,2k	11,5k	19,8k	46,1k	48,5k
Rybinsk	Ust-Sheksna; Rybnaya Sloboda	58,04°N, 38,84°E	-	2,8k	4,2k	9,8k	25,3k	27,5k
Pronsk	Pronskoye Gorodishche	54,12°N, 39,60°E	-	2,4k	2,1k	-	1,9k	2,0k
Tver	Twer	56,86°N, 35,92°E	-	9,5k	17,5k	25,2k	53,5k	56,2k

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Settlement	Alternative Names	Coords	1600AD	1700AD	1800AD	1850AD	1897AD	1900AD
Volokolamsk	Volok Lamskiy	56,04°N, 35,96°E	-	2,8k	2,9k	-	3,1k	3,2k
Viazniki	Yaropolch-Zalesskiy	56,24°N, 42,16°E	1,8k	2,9k	4,1k	-	8,9k	9,3k
Bezhetsk	Bezhetskiy Verkh; Gorodetsk	57,78°N, 36,70°E	-	3,2k	4,1k	-	9,4k	9,8k
Mikhailov	Mikhaylov	54,23°N, 39,03°E	3,5k	4,2k	5,4k	-	9,2k	9,4k
Olonets	Olonez	60,98°N, 32,97°E	3,5k	2,8k	1,9k	-	1,2k	1,3k
Roslavl	Rostislavl-Smolenskiy	53,95°N, 32,86°E	-	3,8k	5,2k	7,4k	17,8k	18,6k
Plyos	Ples	57,46°N, 41,52°E	-	1,6k	2,1k	-	2,2k	2,2k
Karachev	Karatschew	53,12°N, 34,99°E	-	4,2k	6,5k	-	15,5k	16,0k
Kozelsk	Kozelsk-on-Zhizdra	54,04°N, 35,78°E	-	3,8k	4,9k	-	5,6k	5,8k
Mtsensk	Mzenck	53,28°N, 36,57°E	4,5k	5,2k	7,8k	12,5k	9,8k	10,1k
Sevsk	Siewsk	52,15°N, 34,49°E	3,2k	5,4k	6,2k	-	9,2k	9,5k
Tula	Tula-on-Upa	54,20°N, 37,62°E	12,0k	16,5k	32,0k	54,6k	114,7k	121,5k
Yelets	Jelez	52,62°N, 38,50°E	4,2k	7,8k	14,5k	26,5k	47,0k	49,2k
Zaraysk	Osyotr; Nikola Zarazskiy	54,76°N, 38,87°E	-	5,2k	6,8k	6,2k	8,1k	8,3k
Belev	Belyov	53,81°N, 36,14°E	4,8k	5,6k	7,2k	-	9,6k	9,8k
Moscow	Moskva	55,76°N, 37,62°E	120,0k	150,0k	250,0k	368,8k	1038,6k	1174,7k
Vologda	Nason-Gorod	59,22°N, 39,89°E	11,0k	10,5k	11,2k	16,8k	27,7k	29,1k
Dorogobuzh	Dorogobuzh-on-Dnieper	54,92°N, 33,30°E	-	4,5k	5,8k	-	6,5k	6,7k
Kexholm	Korela; Priozersk	61,04°N, 30,13°E	-	1,4k	-	-	1,8k	1,9k
Tetyushi	Temtuzi	54,94°N, 48,84°E	1,8k	2,2k	3,1k	-	4,8k	4,9k
Yelnya	Yelna	54,58°N, 33,18°E	-	-	2,2k	-	2,4k	2,5k
Gorodets	Gorodets-Radilov; Gorodets-on-Volga	56,65°N, 43,47°E	-	3,2k	4,8k	-	6,3k	6,6k

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Settlement	Alternative Names	Coords	1600AD	1700AD	1800AD	1850AD	1897AD	1900AD
Kasimov	Gorodets Meshcherskiy; Khankerman	54,94°N, 41,40°E	8,0k	6,2k	7,8k	10,2k	13,5k	14,1k
Kideksha	Kidekscha	56,43°N, 40,53°E	-	-	-	-	650	680
Kostroma	Kostroma-on-Volga	57,77°N, 40,93°E	12,0k	11,5k	12,8k	18,5k	41,4k	43,2k
Lgov	Olgov	51,67°N, 35,26°E	-	-	-	3,4k	4,3k	4,5k
Rylsk	Rylsk-on-Seym	51,57°N, 34,68°E	-	5,5k	6,8k	-	11,5k	11,9k
Starodub-on-Klyazma	Klyazminskiy Gorodok	56,39°N, 41,43°E	-	800	-	-	920	950
Yuryev-Polsky	Yuriev-Polskiy	56,50°N, 39,68°E	-	3,1k	3,6k	-	5,8k	6,0k
Zvenigorod	Zvenigorod Moskovskiy	55,73°N, 36,85°E	-	2,1k	2,4k	-	2,4k	2,5k
Dmitrov	Dmitrow	56,34°N, 37,52°E	-	3,2k	3,5k	-	4,5k	4,7k
Bogolyubovo	Bogoljubowo	56,20°N, 40,54°E	-	1,1k	-	-	2,1k	2,2k
Galich	Galich Mersky	58,38°N, 42,35°E	-	4,2k	4,9k	-	6,2k	6,4k
Trubchevsk	Trubetsk	52,58°N, 33,77°E	-	3,8k	4,6k	-	7,4k	7,6k
Krasny	Krasn-Smolenskiy	54,56°N, 31,43°E	-	-	2,1k	-	2,8k	2,8k
Velikiye Luki	Luki on Lovat	56,34°N, 30,53°E	-	3,5k	4,1k	5,6k	8,5k	8,9k
Gorokhovets	Gorochowez	56,20°N, 42,69°E	2,2k	3,1k	2,8k	-	2,3k	2,4k
Kolomna	Kolomna-on-Oka	55,08°N, 38,78°E	-	7,8k	10,2k	15,4k	20,3k	21,5k
Kotelnich	Koshkarov	58,31°N, 48,35°E	-	2,4k	3,1k	-	4,2k	4,4k
Vyatka	Khlynov; Kirov	58,60°N, 49,67°E	6,8k	7,5k	9,2k	14,8k	25,0k	26,8k
Bolkhov	Bolchow	53,44°N, 36,00°E	4,2k	7,5k	12,8k	17,5k	21,4k	22,0k
Kholm	Kholm-on-Lovat	57,15°N, 31,18°E	-	1,8k	2,7k	-	5,9k	6,1k
Kholmogory	Cholmogeny; Ukhtostrov	64,22°N, 41,66°E	6,8k	5,2k	1,6k	-	1,1k	1,1k
Mologa	Kholopiy Gorodok	58,20°N, 38,44°E	-	2,6k	3,2k	-	4,3k	4,4k
Velikiy Ustyug	Gleden; Ustyug	60,76°N, 46,30°E	9,5k	9,2k	10,8k	9,5k	11,1k	11,5k

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Settlement	Alternative Names	Coords	1600AD	1700AD	1800AD	1850AD	1897AD	1900AD
Kadom	Stary Kadom	54,56°N, 42,47°E	-	3,4k	4,6k	-	6,3k	6,5k
Rzhev	Rzheva Volodimerova	56,26°N, 34,33°E	-	6,8k	9,5k	16,2k	21,3k	22,4k
Zubtsov	Subzow	56,17°N, 34,59°E	-	2,1k	2,9k	-	3,0k	3,1k
Nizhny Novgorod	Nizhniy Novgorod; Gorky	56,33°N, 44,01°E	16,5k	18,5k	22,0k	36,5k	90,1k	95,8k
Mozhaisk	Mozhaysk	55,50°N, 36,03°E	-	3,6k	3,9k	-	3,2k	3,4k
Kashin	Kaschin	57,36°N, 37,61°E	-	4,6k	5,4k	-	7,5k	7,8k
Meshchovsk	Meschovsk	54,32°N, 35,28°E	-	3,1k	4,2k	-	3,6k	3,8k
Porkhov	Porchov	57,77°N, 29,55°E	-	1,9k	2,8k	-	5,6k	5,8k
Vyazma	Wjasmar	55,21°N, 34,29°E	-	6,8k	9,5k	11,8k	15,6k	16,2k
Koporye	Koporje	59,71°N, 29,03°E	-	800	-	-	720	750
Tarusa	Tarusa-on-Oka	54,73°N, 37,18°E	-	1,5k	1,8k	-	2,0k	2,0k
Staritsa	Gorodok on Volga	56,51°N, 34,94°E	5,2k	3,1k	3,8k	-	6,4k	6,6k
Cheboksary	Shupashkar; Veda-Suvar	56,15°N, 47,25°E	3,5k	4,2k	4,8k	-	4,7k	5,0k
Dankov	Donkov	53,25°N, 39,16°E	2,2k	2,6k	2,9k	-	9,1k	9,4k
Romanov-Borisoglebsk	Tutayev; Romanov	57,88°N, 39,54°E	-	3,9k	4,8k	-	6,7k	6,9k
Shenkursk	Vaga	62,11°N, 42,90°E	1,5k	1,8k	1,2k	-	1,5k	1,6k
Ustyuzhna	Ustyuzhna Zheleznopol-skaya	58,84°N, 36,43°E	6,0k	4,5k	3,2k	-	5,1k	5,3k
Mukhshi	Narovchat	53,88°N, 43,69°E	2,8k	-	3,6k	-	4,7k	4,8k
Klin	Klin-on-Sestra	56,33°N, 36,73°E	-	1,8k	2,5k	-	4,7k	4,9k
Gdov	Vdov	58,74°N, 27,81°E	-	1,2k	-	-	2,1k	2,2k
Shlisselburg	Oreshek; Noteborg	59,94°N, 31,03°E	-	1,8k	3,1k	-	5,3k	5,6k
Ruza	Rusa Moskovskaya	55,70°N, 36,20°E	-	1,8k	2,3k	-	2,3k	2,4k
Serpukhov	Serpuchow	54,92°N, 37,41°E	-	5,8k	6,9k	14,2k	30,6k	32,5k

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Settlement	Alternative Names	Coords	1600AD	1700AD	1800AD	1850AD	1897AD	1900AD
Ostrov	Ostrov-Pskov	57,34°N, 28,35°E	-	1,8k	2,4k	-	6,3k	6,5k
Aleksin	Aleksin-on-Oka	54,50°N, 37,07°E	-	2,2k	2,8k	-	3,5k	3,6k
Soligalich	Sol Galitskaya	59,08°N, 42,29°E	-	2,8k	3,1k	-	3,4k	3,5k
Kashira	Kaschira	54,84°N, 38,15°E	-	2,6k	3,4k	-	4,1k	4,2k
Borovsk	Borowsk	55,21°N, 36,49°E	-	4,2k	5,9k	8,4k	8,4k	8,6k
Bely	Bely-on-Obsha	55,84°N, 32,94°E	-	3,2k	4,6k	-	7,0k	7,1k
Kaluga	Kaluga-on-Oka	54,53°N, 36,28°E	10,5k	13,5k	23,0k	31,2k	49,5k	51,2k
Ostashkov	Klichen	57,15°N, 33,11°E	-	4,5k	7,2k	9,8k	10,4k	10,8k
Venyov	Gorodensk; Venev	54,35°N, 38,27°E	2,4k	2,8k	3,5k	-	5,2k	5,3k
Vereya	Wereja	55,34°N, 36,19°E	-	4,5k	5,8k	5,4k	3,7k	3,8k
Kurmysh	Kurmysch	55,83°N, 46,05°E	-	2,2k	1,9k	-	3,2k	3,2k
Kargopol	Kargopole	61,51°N, 38,95°E	5,2k	4,6k	3,1k	-	3,1k	3,1k
Chukhloma	Tschuchloma	58,76°N, 42,69°E	-	1,8k	2,1k	-	2,2k	2,2k
Elatma	Yelatma	54,97°N, 41,75°E	2,8k	3,9k	5,4k	-	7,1k	7,3k
Yamburg	Yam; Kingisepp	59,37°N, 28,61°E	-	1,1k	1,6k	-	4,6k	4,8k
Temnikov	Stary Temnikov	54,63°N, 43,21°E	-	4,2k	5,1k	-	5,4k	5,5k
Mamadysh	Mamadysch	55,72°N, 51,41°E	-	1,6k	2,4k	-	4,2k	4,3k
Aleksandrov	Aleksandrovskaya Sloboda	56,40°N, 38,71°E	8,5k	2,4k	3,1k	-	6,8k	7,1k
Kirzhach	Kirschatsch	56,15°N, 38,85°E	-	1,2k	1,9k	-	4,9k	5,0k
Sergiyev Posad	Troitskiy Posad	56,30°N, 38,13°E	4,5k	6,5k	9,2k	14,5k	25,0k	26,5k
Tikhvin	Tichwin; Tikhvinskiy Posad	59,65°N, 33,54°E	2,5k	3,8k	4,2k	6,1k	6,6k	6,8k
Maloyaroslavets	Yaroslavets	55,01°N, 36,47°E	-	1,6k	2,1k	-	2,5k	2,6k
Lyskovo	Sundyry	56,01°N, 45,03°E	-	3,5k	5,2k	-	7,8k	8,1k

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Settlement	Alternative Names	Coords	1600AD	1700AD	1800AD	1850AD	1897AD	1900AD
Opochka	Opotschka	56,71°N, 28,66°E	-	2,0k	3,1k	-	5,7k	6,0k
Sebezh	Sebesch	56,28°N, 28,48°E	-	-	2,8k	-	4,3k	4,5k
Kineshma	Kineschma	57,44°N, 42,15°E	2,5k	2,8k	3,2k	3,9k	7,6k	8,2k
Solikamsk	Sol Kamskaya	59,63°N, 56,77°E	6,8k	7,2k	4,5k	-	4,1k	4,2k
Kalyazin	Kalyazina Sloboda	57,24°N, 37,86°E	-	2,4k	4,6k	6,8k	5,5k	5,7k
Kem	KemskiyGorodok	64,96°N, 34,58°E	1,1k	1,4k	1,6k	-	2,4k	2,6k
Orlov-Vyatka	Orlov; Khalturin	58,54°N, 48,89°E	-	1,9k	2,6k	-	3,3k	3,4k
Vyshniy Volochyok	Vyshny Volochek	57,59°N, 34,56°E	-	2,2k	6,4k	11,5k	16,6k	17,5k
Balakhna	Sol-na-Gorodtse	56,49°N, 43,54°E	5,8k	5,2k	4,5k	-	5,1k	5,3k
Bogorodsk	Noginsk; Rogozhi	55,85°N, 38,44°E	-	-	1,1k	3,2k	11,1k	12,2k
Borovichi	Borowitschi	58,39°N, 33,92°E	-	1,8k	4,6k	8,1k	9,4k	9,9k
Dukhovshchina	Duchowschtschina	55,19°N, 32,41°E	-	-	-	-	3,1k	3,2k
Onega	Ust-Onega	63,91°N, 38,11°E	-	1,1k	1,4k	-	2,5k	2,7k
Porechye	Demidov; Kasplya Wharf	55,27°N, 31,52°E	-	-	4,5k	-	5,7k	5,8k
Sychevka	Sytschewka	55,83°N, 34,27°E	-	-	-	3,8k	4,8k	5,0k
Valday	Valdaiskoye Selo	57,97°N, 33,25°E	-	2,1k	3,4k	4,5k	2,9k	3,1k
Ryazhsk	Ryaskoye Pole	53,71°N, 40,06°E	-	2,5k	3,2k	-	14,8k	15,4k
Nevel	Newel	56,02°N, 29,93°E	-	2,9k	4,2k	-	9,3k	9,7k
Slobodskoy	Slobodskoj	58,73°N, 50,18°E	-	3,6k	5,2k	6,5k	7,4k	7,6k
Krasny Kholm	Spas na Kholmu	58,06°N, 37,12°E	-	1,4k	1,9k	-	2,5k	2,6k
Vasilsursk	Vasilgorod	56,13°N, 46,01°E	-	2,1k	2,4k	-	3,8k	3,9k
Velizh	Welisch	55,61°N, 31,20°E	-	3,5k	5,8k	-	12,2k	12,6k
Shuya	Shuia	56,85°N, 41,39°E	2,8k	3,2k	4,5k	8,9k	19,6k	20,8k
Lyubim	Ljubim	58,36°N, 40,69°E	-	1,5k	2,0k	-	3,0k	3,1k

(Continued from previous page)

Settlement	Alternative Names	Coords	1600AD	1700AD	1800AD	1850AD	1897AD	1900AD
Danilov	Danilovskoye	58,19°N, 40,17°E	700	1,4k	2,1k	-	4,3k	4,5k
Kovrov	Starodub-Kovrov	56,36°N, 41,32°E	600	1,1k	1,8k	3,5k	14,6k	15,8k
Mezen	Okladnikova Sloboda	65,85°N, 44,24°E	700	1,3k	1,5k	-	1,8k	1,9k
Sviyazhsk	Ivangorod Sviyazhskiy	55,77°N, 48,66°E	3,8k	3,2k	2,5k	-	2,4k	2,4k
Alatyr	Alatyr-on-Sura	54,84°N, 46,58°E	2,0k	4,2k	5,8k	8,5k	12,2k	12,8k
Arzamas	Arsamas	55,39°N, 43,84°E	5,5k	7,2k	8,9k	10,5k	10,6k	11,0k
Shatsk	Shatskiy Gorod	54,03°N, 41,71°E	2,4k	4,5k	5,8k	-	13,9k	14,3k
Laishevo	Chalma; Laish	55,40°N, 49,55°E	1,2k	1,9k	2,6k	-	3,7k	3,9k
Usolye	Novoye Usolye; Pyskor	59,42°N, 56,68°E	4,2k	5,5k	5,2k	-	6,7k	6,8k
Ivanovo-Voznesensk	Ivanovo	57,00°N, 40,97°E	600	1,8k	5,2k	15,0k	54,2k	61,5k
Vesyegonsk	Ves Yegonskaya	58,66°N, 37,26°E	900	1,8k	2,5k	-	3,5k	3,6k
Oryol	Orel	52,97°N, 36,08°E	6,5k	11,5k	22,0k	35,2k	69,7k	72,8k
Pavlovo	Pavlovskiy Ostrog; Pavlovo-on-Oka	55,96°N, 43,09°E	1,2k	3,8k	6,5k	8,8k	12,4k	13,1k
Yepifan	Epifan	53,83°N, 38,55°E	1,8k	2,4k	2,9k	-	4,2k	4,3k
Krasnoslobodsk	Krasnaya Sloboda	54,43°N, 43,78°E	1,5k	3,2k	5,4k	-	7,4k	7,6k
Kozmodemyansk	Tsikmja	56,34°N, 46,56°E	1,1k	2,4k	3,6k	-	5,3k	5,5k
Arkhangelsk	Novye Kholmogory; Archangel	64,54°N, 40,54°E	6,5k	10,5k	11,2k	15,2k	20,9k	21,8k
Menzelinsk	Menzelinskiy Ostrog	55,73°N, 53,10°E	1,1k	2,4k	3,6k	-	7,6k	7,8k
Tsarevokokshaysk	Yoshkar-Ola	56,63°N, 47,89°E	900	1,4k	1,6k	-	1,7k	1,8k
Urzhum	Urschum	57,11°N, 50,00°E	1,1k	1,8k	2,5k	-	4,4k	4,6k
Yaransk	Jaransk	57,30°N, 47,88°E	1,2k	2,4k	3,2k	-	4,8k	5,0k
Livny	Liwny	52,43°N, 37,61°E	2,8k	5,5k	8,2k	13,4k	20,4k	21,2k

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Settlement	Alternative Names	Coords	1600AD	1700AD	1800AD	1850AD	1897AD	1900AD
Samara	Kuybyshev	53,20°N, 50,10°E	1,8k	4,2k	7,5k	24,0k	90,0k	96,5k
Voronezh	Woronesch	51,67°N, 39,18°E	8,5k	18,0k	21,0k	38,5k	80,6k	84,5k
Osa	Osinskaya Sloboda	57,28°N, 55,46°E	800	1,6k	2,5k	-	5,1k	5,2k
Stary Oskol	Oskol	51,30°N, 37,84°E	2,2k	4,8k	6,5k	9,8k	15,6k	16,2k
Valuyki	Valuiki	50,21°N, 38,10°E	1,8k	3,4k	4,2k	-	6,7k	6,9k
Sarapul	Voznesenskoye	56,48°N, 53,80°E	900	2,8k	5,6k	9,8k	21,4k	22,8k
Skopin	Skopino	53,82°N, 39,55°E	1,2k	2,8k	5,9k	9,8k	13,2k	13,8k
Myshkin	Myschkin	57,79°N, 38,45°E	600	1,1k	1,8k	-	2,2k	2,4k
Pokrov	Pokrov-Vladimir	55,92°N, 39,18°E	500	-	1,4k	-	2,8k	2,9k
Spassk-Ryazanskiy	Spasskoye	54,41°N, 40,38°E	800	-	-	4,2k	4,8k	4,9k
Yegoryevsk	Vysokoye	55,38°N, 39,04°E	700	-	1,4k	5,2k	19,2k	20,5k
Sapozhok	Sapozhkovskiy Ostrog	53,94°N, 40,68°E	900	2,2k	3,6k	-	8,6k	8,8k
Kozlov	Michurinsk	52,90°N, 40,51°E	3,5k	6,8k	11,5k	21,2k	40,3k	42,1k
Nizhniy Lomov	Nizhny Lomov	53,53°N, 43,68°E	2,2k	4,5k	6,8k	-	10,0k	10,3k
Tambov	Tambow	52,72°N, 41,45°E	3,2k	7,5k	12,8k	24,5k	48,0k	50,5k
Ranenburg	Chaplygin; Slobodskoy	53,24°N, 39,96°E	800	1,8k	3,4k	-	15,3k	15,9k
Saransk	Saranskiy Ostrog	54,19°N, 45,18°E	2,4k	5,2k	7,8k	11,2k	14,6k	15,2k
Karsun	Korsun	54,20°N, 46,98°E	1,8k	2,9k	3,4k	-	3,8k	3,9k
Kungur	Kungurskiy Ostrog	57,43°N, 56,95°E	1,5k	4,8k	6,9k	9,8k	14,3k	14,9k
Simbirsk	Sinbirsk; Ulyanovsk	54,31°N, 48,40°E	2,5k	6,8k	13,2k	23,5k	41,7k	44,1k
Oboyan	Obojanskiy Ostrog	51,21°N, 36,28°E	1,8k	3,6k	5,4k	-	11,8k	12,2k
Morshansk	Morschansk	53,44°N, 41,81°E	1,2k	-	-	15,8k	26,5k	27,5k
Pavlovskiy Posad	Vokhna	55,78°N, 38,65°E	800	-	2,1k	4,5k	10,0k	11,0k
Podolsk	Podol	55,43°N, 37,54°E	600	-	1,2k	2,8k	3,8k	4,2k

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Settlement	Alternative Names	Coords	1600AD	1700AD	1800AD	1850AD	1897AD	1900AD
Sudogda	Sudogodskaya Sloboda	55,95°N, 40,86°E	500	-	1,2k	-	3,2k	3,3k
Ostrogozhsk	Rybny	50,86°N, 39,07°E	-	6,8k	9,5k	-	21,0k	21,8k
Penza	Pensa	53,20°N, 45,02°E	-	6,5k	13,5k	24,8k	60,0k	63,2k
Sudzha	Sudscha	51,19°N, 35,27°E	-	4,2k	5,8k	-	7,4k	7,7k
Glazov	Glazovo	58,14°N, 52,66°E	-	500	1,2k	2,4k	3,5k	3,7k
Poshekhonye	Pertoma	58,50°N, 39,12°E	-	900	2,2k	-	4,0k	4,2k
Syzran	Sysran	53,16°N, 48,47°E	-	4,5k	8,9k	16,8k	32,4k	34,2k
Borisoglebsk	Pavlovskaya Krepost	51,37°N, 42,08°E	-	1,5k	4,8k	9,5k	22,3k	23,5k
Chistopol	Chistoye Pole	55,36°N, 50,64°E	-	1,2k	3,8k	11,2k	20,1k	21,2k
Melenki	Melenki-Vladimir	55,34°N, 41,63°E	-	900	2,4k	4,8k	8,9k	9,2k
Orekhovo-Zuyevo	Zuyevo; Orekhovo	55,81°N, 38,96°E	-	600	1,8k	6,5k	34,9k	39,5k
Lipetsk	Lipetskiye Zavody	52,60°N, 39,57°E	-	1,8k	5,6k	11,2k	20,5k	21,5k
Petrozavodsk	Petrovskaya Sloboda	61,78°N, 34,35°E	-	1,5k	4,7k	9,5k	12,5k	13,2k
Saint Petersburg	Sankt-Peterburg; Petrograd	59,93°N, 30,34°E	-	40,0k	220,2k	487,3k	1264,9k	1439,6k
Kronstadt	Kronshtadt	60,00°N, 29,77°E	-	2,0k	25,0k	39,0k	59,5k	60,8k
Gzhatsk	Gagarin	55,55°N, 35,01°E	-	1,5k	4,2k	5,8k	6,3k	6,5k
Perm	Yegoshikha	58,01°N, 56,25°E	-	1,5k	6,2k	14,5k	45,2k	48,5k
Buzuluk	Busuluk	52,78°N, 52,26°E	-	-	3,8k	7,2k	14,4k	15,1k
Krasnoufimsk	Krasny Yar Ufimskiy	56,62°N, 57,77°E	-	-	2,8k	4,2k	6,3k	6,5k
Stavropol-on-Volga	Tolyatti	53,51°N, 49,42°E	-	-	3,1k	4,2k	6,0k	6,2k
Buguruslan	Buguruslanskaya Sloboda	53,66°N, 52,44°E	-	-	3,2k	6,1k	12,1k	12,7k
Tsarskoye Selo	Pushkin	59,72°N, 30,40°E	-	-	5,5k	11,2k	22,5k	24,1k
Votkinsk	Votkinskiy Zavod	57,05°N, 53,99°E	-	-	6,4k	12,8k	21,7k	22,9k

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Settlement	Alternative Names	Coords	1600AD	1700AD	1800AD	1850AD	1897AD	1900AD
Izhevsk	Izhevskiy Zavod	56,85°N, 53,21°E	-	-	8,5k	18,5k	41,1k	43,5k
Sterlitamak	Sterlitamakskaya Pristan	53,63°N, 55,93°E	-	-	3,8k	7,5k	15,6k	16,4k
Gatchina	Gatschina	59,57°N, 30,13°E	-	-	4,2k	8,5k	14,8k	15,6k

Table 3. Muscovite and Imperial urban centres, fortress towns and provincial capitals of the Russian Core (1550 - 1900AD) compiled from russian_core_principalities_settlements.json.

Complete Settlement Gazetteer

Stadester Key	Coords	Occupied Span	Complete Population Series (Year: Population)
Sungir-Russia	56,18°N, 40,50°E	10000-8500BC	10000BC: 35; 8500BC: 40
Zaraysk Palaeolithic-Russia	54,76°N, 38,87°E	10000-8500BC	10000BC: 30; 8500BC: 35
Stanovoye 4-Russia	57,03°N, 40,18°E	8000-5000BC	8000BC: 25; 6500BC: 40; 5000BC: 50
Ivanovskoye 7-Russia	57,13°N, 39,22°E	7500-4000BC	7500BC: 30; 6000BC: 45; 4000BC: 65
Nizhneye Veretye I-Russia	60,42°N, 38,95°E	7000-6000BC	7000BC: 45; 6000BC: 55
Zamostye 2-Russia	56,63°N, 37,78°E	6500-4200BC	6500BC: 35; 5500BC: 45; 4200BC: 60
Lyalovo-Russia	56,05°N, 37,23°E	4500-3200BC	4500BC: 50; 3800BC: 75; 3200BC: 65
Sakhtysh IIa-Russia	56,78°N, 40,48°E	4500-2500BC	4500BC: 65; 3200BC: 140; 2500BC: 160
Sakhtysh VIII-Russia	56,79°N, 40,49°E	4200-2400BC	4200BC: 50; 3000BC: 110; 2400BC: 120
Volosovo-Russia	55,62°N, 42,12°E	3500-2200BC	3500BC: 90; 2800BC: 145; 2200BC: 130
Volosovo-Danilovsky-Russia	58,18°N, 40,17°E	2600-1900BC	2600BC: 110; 2200BC: 150; 1900BC: 120
Fatyanovo-Russia	57,72°N, 39,83°E	2500-2100BC	2500BC: 95; 2100BC: 130
Seima Dune-Russia	56,22°N, 43,18°E	2100-1700BC	2100BC: 120; 1700BC: 160
Galich Hoard Settlement-Russia	58,39°N, 42,34°E	2000-1600BC	2000BC: 85; 1600BC: 125
Pozdnyakovo-Russia	55,53°N, 42,08°E	1600-1200BC	1600BC: 130; 1200BC: 175
Govyadinovo-Russia	57,82°N, 40,85°E	1400-900BC	1400BC: 90; 900BC: 130
Dyakovo Gorodishche-Russia	55,66°N, 37,67°E	500BC - 500AD	500BC: 80; 200BC: 110; 1AD: 125; 300AD: 140; 500AD: 110
Shcherbinskoye Gorodishche-Russia	55,48°N, 37,59°E	500BC - 500AD	500BC: 75; 1AD: 115; 300AD: 130; 500AD: 95
Troitskoye Gorodishche-Russia	55,53°N, 35,97°E	400BC - 500AD	400BC: 90; 1AD: 140; 250AD: 165; 500AD: 120
Borsheva Gorodishche-Russia	55,51°N, 38,08°E	300BC - 600AD	300BC: 70; 1AD: 110; 350AD: 135; 600AD: 150
Supruty Gorodishche-Russia	54,02°N, 37,13°E	1-900AD	1AD: 110; 800AD: 350; 900AD: 550

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Stadester Key	Coords	Occupied Span	Complete Population Series (Year: Population)
Moshchiny Gorodishche-Russia	54,45°N, 35,13°E	200-700AD	200AD: 90; 450AD: 180; 700AD: 150
Ufa-Russia	54,74°N, 55,97°E	400-1900AD	400AD: 800; 700AD: 1,5k; 1000AD: 1,2k; 1574AD: 1,5k; 1700AD: 4,5k; 1800AD: 9,2k; 1850AD: 16,5k; 1897AD: 49,3k; 1900AD: 52,8k
Kamno Gorodishche-Russia	57,84°N, 28,20°E	500-950AD	500AD: 220; 750AD: 420; 950AD: 650
Pskov-Russia	57,82°N, 28,33°E	600-1900AD	600AD: 350; 850AD: 1,0k; 1000AD: 3,5k; 1200AD: 10,0k; 1300AD: 14,0k; 1400AD: 20,0k; 1500AD: 28,0k; 1600AD: 14,0k; 1700AD: 11,0k; 1800AD: 9,3k; 1850AD: 15,1k; 1897AD: 30,5k; 1900AD: 31,8k
Lyubsha Fortress-Russia	60,02°N, 32,32°E	700-880AD	700AD: 180; 800AD: 320; 880AD: 220
Sarskoye Gorodishche-Russia	57,08°N, 39,29°E	700-1000AD	700AD: 250; 900AD: 750; 1000AD: 400
Izborsk-Russia	57,71°N, 27,86°E	750-1900AD	750AD: 350; 900AD: 900; 1000AD: 1,4k; 1200AD: 2,2k; 1400AD: 2,8k; 1500AD: 2,4k; 1700AD: 1,2k; 1897AD: 1,1k; 1900AD: 1,2k
Staraya Ladoga-Russia	60,00°N, 32,30°E	750-1900AD	750AD: 250; 850AD: 1,2k; 950AD: 1,8k; 1000AD: 2,5k; 1200AD: 2,0k; 1500AD: 1,2k; 1700AD: 800; 1897AD: 950; 1900AD: 1,0k
Borshevo-Russia	51,32°N, 39,06°E	800-1050AD	800AD: 420; 950AD: 950; 1050AD: 500
Mayatskoye-Russia	50,98°N, 39,30°E	800-900AD	800AD: 900; 900AD: 1,6k
Bolshoye Timerovo-Russia	57,56°N, 39,77°E	850-1000AD	850AD: 350; 950AD: 900; 1000AD: 500
Gnezdovo-Russia	54,78°N, 31,87°E	850-1000AD	850AD: 600; 950AD: 2,8k; 1000AD: 2,2k
Gornal-Russia	51,07°N, 35,22°E	850-950AD	850AD: 450; 950AD: 900
Idnakar-Russia	58,14°N, 52,71°E	850-1236AD	850AD: 600; 1000AD: 1,8k; 1150AD: 2,5k; 1236AD: 1,2k
Rurikovo Gorodishche-Russia	58,49°N, 31,30°E	850-1500AD	850AD: 900; 950AD: 1,8k; 1000AD: 1,5k; 1200AD: 1,1k; 1500AD: 600
Titchikha-Russia	51,15°N, 39,19°E	850-950AD	850AD: 550; 950AD: 1,1k
Belozersk-Russia	60,03°N, 37,79°E	862-1900AD	862AD: 900; 1100AD: 2,8k; 1200AD: 4,8k; 1300AD: 5,2k; 1500AD: 4,5k; 1700AD: 4,8k; 1800AD: 4,2k; 1897AD: 5,0k; 1900AD: 5,2k
Murom-Russia	55,58°N, 42,05°E	862-1900AD	862AD: 1,1k; 1000AD: 3,2k; 1200AD: 8,5k; 1300AD: 4,5k; 1500AD: 5,8k; 1700AD: 6,4k; 1800AD: 7,1k; 1850AD: 10,5k; 1897AD: 13,3k; 1900AD: 14,0k

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Stadester Key	Coords	Occupied Span	Complete Population Series (Year: Population)
Rostov Veliky-Russia	57,19°N, 39,41°E	862-1900AD	862AD: 1,2k; 1000AD: 4,5k; 1100AD: 8,5k; 1200AD: 14,0k; 1300AD: 10,0k; 1500AD: 9,0k; 1700AD: 7,5k; 1800AD: 6,2k; 1850AD: 9,1k; 1897AD: 13,7k; 1900AD: 14,2k
Smolensk-Russia	54,78°N, 32,04°E	863-1900AD	863AD: 1,5k; 1000AD: 6,0k; 1100AD: 12,0k; 1200AD: 25,0k; 1300AD: 18,0k; 1500AD: 16,0k; 1700AD: 9,5k; 1800AD: 12,6k; 1850AD: 18,2k; 1897AD: 46,7k; 1900AD: 49,8k
Bolgar-Russia	54,99°N, 49,06°E	900-1900AD	900AD: 4,5k; 1000AD: 15,0k; 1200AD: 25,0k; 1300AD: 45,0k; 1350AD: 50,0k; 1400AD: 6,0k; 1700AD: 1,5k; 1897AD: 2,8k; 1900AD: 2,8k
Staraya Ryazan-Russia	54,40°N, 40,43°E	900-1900AD	900AD: 900; 1000AD: 3,5k; 1100AD: 9,0k; 1200AD: 24,0k; 1237AD: 25,0k; 1300AD: 2,5k; 1500AD: 900; 1700AD: 600; 1897AD: 820; 1900AD: 850
Suzdal-Russia	56,42°N, 40,45°E	900-1900AD	900AD: 800; 1000AD: 3,0k; 1100AD: 7,0k; 1200AD: 12,0k; 1300AD: 8,0k; 1500AD: 7,5k; 1700AD: 6,2k; 1800AD: 5,8k; 1850AD: 6,5k; 1897AD: 6,4k; 1900AD: 6,6k
Suvar-Russia	54,69°N, 49,42°E	920-1236AD	920AD: 3,5k; 1000AD: 10,0k; 1200AD: 16,0k; 1236AD: 15,0k
Veliky Novgorod-Russia	58,52°N, 31,27°E	930-1900AD	930AD: 5,0k; 1000AD: 10,0k; 1100AD: 18,0k; 1200AD: 28,0k; 1300AD: 32,0k; 1400AD: 35,0k; 1500AD: 26,0k; 1600AD: 8,0k; 1700AD: 7,5k; 1800AD: 10,8k; 1850AD: 16,7k; 1897AD: 25,7k; 1900AD: 26,9k
Bilyar-Russia	54,99°N, 50,39°E	950-1900AD	950AD: 6,0k; 1100AD: 28,0k; 1200AD: 55,0k; 1236AD: 60,0k; 1300AD: 4,0k; 1700AD: 1,8k; 1897AD: 2,4k; 1900AD: 2,5k
Gochevo-Russia	51,18°N, 35,82°E	950-1300AD	950AD: 800; 1100AD: 2,2k; 1200AD: 3,5k; 1300AD: 1,2k
Muromskiy Gorodok-Russia	53,34°N, 49,48°E	950-1236AD	950AD: 3,5k; 1100AD: 9,0k; 1200AD: 14,0k; 1236AD: 12,0k
Uglich-Russia	57,53°N, 38,33°E	950-1900AD	950AD: 800; 1200AD: 4,0k; 1300AD: 3,8k; 1500AD: 6,5k; 1700AD: 5,8k; 1800AD: 6,9k; 1850AD: 10,2k; 1897AD: 9,7k; 1900AD: 10,0k
Kursk-Russia	51,74°N, 36,19°E	980-1900AD	980AD: 1,5k; 1100AD: 4,5k; 1200AD: 8,5k; 1238AD: 7,5k; 1600AD: 5,5k; 1700AD: 11,0k; 1800AD: 18,5k; 1850AD: 31,8k; 1897AD: 75,7k; 1900AD: 78,8k

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Stadester Key	Coords	Occupied Span	Complete Population Series (Year: Population)
Bryansk-Russia	53,25°N, 34,37°E	985-1900AD	985AD: 900; 1146AD: 2,2k; 1250AD: 6,5k; 1400AD: 7,5k; 1700AD: 5,8k; 1800AD: 7,2k; 1850AD: 11,5k; 1897AD: 24,8k; 1900AD: 26,5k
Belgorod-Russia	50,60°N, 36,59°E	990-1900AD	990AD: 900; 1596AD: 3,2k; 1700AD: 7,5k; 1800AD: 10,2k; 1850AD: 14,5k; 1897AD: 26,6k; 1900AD: 27,8k
Cherdyn-Russia	60,40°N, 56,48°E	1000-1900AD	1000AD: 800; 1300AD: 1,8k; 1472AD: 3,2k; 1600AD: 3,8k; 1700AD: 2,9k; 1800AD: 2,6k; 1897AD: 3,7k; 1900AD: 3,8k
Dzhuketau-Russia	55,38°N, 50,61°E	1000-1400AD	1000AD: 2,5k; 1200AD: 8,5k; 1350AD: 12,0k; 1400AD: 3,5k
Staraya Russa-Russia	57,99°N, 31,36°E	1000-1900AD	1000AD: 2,0k; 1200AD: 6,5k; 1300AD: 7,5k; 1400AD: 9,0k; 1500AD: 8,5k; 1600AD: 3,2k; 1700AD: 4,8k; 1800AD: 5,6k; 1850AD: 8,9k; 1897AD: 15,2k; 1900AD: 15,8k
Toropets-Russia	56,50°N, 31,64°E	1000-1900AD	1000AD: 1,4k; 1100AD: 2,5k; 1200AD: 4,2k; 1300AD: 3,8k; 1500AD: 4,8k; 1700AD: 5,6k; 1800AD: 6,4k; 1897AD: 7,4k; 1900AD: 7,6k
Torzhok-Russia	57,04°N, 34,96°E	1000-1900AD	1000AD: 1,2k; 1200AD: 5,0k; 1300AD: 4,2k; 1500AD: 5,5k; 1700AD: 6,2k; 1800AD: 9,8k; 1850AD: 14,2k; 1897AD: 12,7k; 1900AD: 13,1k
Vladimir-Russia	56,13°N, 40,41°E	1000-1900AD	1000AD: 1,5k; 1100AD: 4,5k; 1200AD: 22,0k; 1237AD: 25,0k; 1300AD: 11,0k; 1500AD: 8,0k; 1700AD: 5,5k; 1800AD: 7,4k; 1850AD: 13,2k; 1897AD: 28,5k; 1900AD: 30,2k
Vshchizh-Russia	53,44°N, 33,79°E	1000-1238AD	1000AD: 1,2k; 1150AD: 4,5k; 1238AD: 5,0k
Yelabuga-Russia	55,76°N, 52,05°E	1000-1900AD	1000AD: 1,2k; 1200AD: 2,5k; 1600AD: 1,5k; 1700AD: 2,4k; 1800AD: 3,8k; 1850AD: 6,2k; 1897AD: 9,8k; 1900AD: 10,2k
Kazan-Russia	55,80°N, 49,11°E	1005-1900AD	1005AD: 1,5k; 1200AD: 4,0k; 1400AD: 12,0k; 1500AD: 35,0k; 1552AD: 40,0k; 1650AD: 22,0k; 1700AD: 26,0k; 1800AD: 42,0k; 1850AD: 58,5k; 1897AD: 130,0k; 1900AD: 138,5k
Yaroslavl-Russia	57,63°N, 39,88°E	1010-1900AD	1010AD: 1,5k; 1100AD: 4,0k; 1200AD: 9,0k; 1300AD: 5,5k; 1500AD: 9,5k; 1650AD: 15,5k; 1700AD: 17,5k; 1800AD: 21,5k; 1850AD: 28,5k; 1897AD: 71,6k; 1900AD: 74,0k

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Stadester Key	Coords	Occupied Span	Complete Population Series (Year: Population)
Pereyaslavl-Zalessky-Russia	56,74°N, 38,86°E	1050-1900AD	1050AD: 1,2k; 1200AD: 8,0k; 1300AD: 7,0k; 1500AD: 6,2k; 1700AD: 6,5k; 1800AD: 7,2k; 1850AD: 8,6k; 1897AD: 10,6k; 1900AD: 11,0k
Starodub-Seversky-Russia	52,58°N, 32,76°E	1080-1900AD	1080AD: 2,0k; 1200AD: 5,5k; 1400AD: 4,5k; 1700AD: 7,8k; 1800AD: 8,9k; 1850AD: 11,2k; 1897AD: 26,3k; 1900AD: 27,1k
Ryazan-Russia	54,63°N, 39,69°E	1095-1900AD	1095AD: 1,5k; 1200AD: 4,5k; 1300AD: 8,5k; 1400AD: 14,0k; 1500AD: 12,0k; 1700AD: 8,2k; 1800AD: 11,5k; 1850AD: 19,8k; 1897AD: 46,1k; 1900AD: 48,5k
Rybinsk-Russia	58,04°N, 38,84°E	1100-1900AD	1100AD: 900; 1200AD: 1,8k; 1500AD: 1,5k; 1700AD: 2,8k; 1800AD: 4,2k; 1850AD: 9,8k; 1897AD: 25,3k; 1900AD: 27,5k
Pronsk-Russia	54,12°N, 39,60°E	1131-1900AD	1131AD: 1,8k; 1200AD: 5,5k; 1300AD: 3,5k; 1500AD: 3,2k; 1700AD: 2,4k; 1800AD: 2,1k; 1897AD: 1,9k; 1900AD: 2,0k
Ksnyatin-Russia	57,15°N, 37,73°E	1134-1400AD	1134AD: 1,2k; 1200AD: 2,5k; 1238AD: 1,8k; 1400AD: 800
Tver-Russia	56,86°N, 35,92°E	1135-1900AD	1135AD: 1,5k; 1200AD: 4,5k; 1300AD: 12,0k; 1400AD: 18,0k; 1500AD: 15,0k; 1700AD: 9,5k; 1800AD: 17,5k; 1850AD: 25,2k; 1897AD: 53,5k; 1900AD: 56,2k
Volokolamsk-Russia	56,04°N, 35,96°E	1135-1900AD	1135AD: 1,6k; 1200AD: 3,5k; 1300AD: 4,0k; 1500AD: 4,8k; 1700AD: 2,8k; 1800AD: 2,9k; 1897AD: 3,1k; 1900AD: 3,2k
Viazniki-Russia	56,24°N, 42,16°E	1136-1900AD	1136AD: 1,2k; 1200AD: 2,2k; 1600AD: 1,8k; 1700AD: 2,9k; 1800AD: 4,1k; 1897AD: 8,9k; 1900AD: 9,3k
Bezhetsk-Russia	57,78°N, 36,70°E	1137-1900AD	1137AD: 1,4k; 1200AD: 2,8k; 1400AD: 3,5k; 1700AD: 3,2k; 1800AD: 4,1k; 1897AD: 9,4k; 1900AD: 9,8k
Mikhailov-Russia	54,23°N, 39,03°E	1137-1900AD	1137AD: 900; 1551AD: 3,5k; 1700AD: 4,2k; 1800AD: 5,4k; 1897AD: 9,2k; 1900AD: 9,4k
Olonets-Russia	60,98°N, 32,97°E	1137-1900AD	1137AD: 500; 1500AD: 1,2k; 1650AD: 3,5k; 1700AD: 2,8k; 1800AD: 1,9k; 1897AD: 1,2k; 1900AD: 1,3k
Roslavl-Russia	53,95°N, 32,86°E	1137-1900AD	1137AD: 1,4k; 1200AD: 2,6k; 1500AD: 3,2k; 1700AD: 3,8k; 1800AD: 5,2k; 1850AD: 7,4k; 1897AD: 17,8k; 1900AD: 18,6k

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Stadester Key	Coords	Occupied Span	Complete Population Series (Year: Population)
Plyos-Russia	57,46°N, 41,52°E	1141-1900AD	1141AD: 900; 1410AD: 1,8k; 1700AD: 1,6k; 1800AD: 2,1k; 1897AD: 2,2k; 1900AD: 2,2k
Karachev-Russia	53,12°N, 34,99°E	1146-1900AD	1146AD: 1,6k; 1200AD: 3,0k; 1400AD: 3,5k; 1700AD: 4,2k; 1800AD: 6,5k; 1897AD: 15,5k; 1900AD: 16,0k
Kozelsk-Russia	54,04°N, 35,78°E	1146-1900AD	1146AD: 1,5k; 1238AD: 3,2k; 1400AD: 3,5k; 1700AD: 3,8k; 1800AD: 4,9k; 1897AD: 5,6k; 1900AD: 5,8k
Mtsensk-Russia	53,28°N, 36,57°E	1146-1900AD	1146AD: 1,4k; 1400AD: 2,8k; 1650AD: 4,5k; 1700AD: 5,2k; 1800AD: 7,8k; 1850AD: 12,5k; 1897AD: 9,8k; 1900AD: 10,1k
Sevsk-Russia	52,15°N, 34,49°E	1146-1900AD	1146AD: 1,2k; 1600AD: 3,2k; 1700AD: 5,4k; 1800AD: 6,2k; 1897AD: 9,2k; 1900AD: 9,5k
Tula-Russia	54,20°N, 37,62°E	1146-1900AD	1146AD: 1,2k; 1300AD: 2,5k; 1509AD: 6,5k; 1650AD: 12,0k; 1700AD: 16,5k; 1800AD: 32,0k; 1850AD: 54,6k; 1897AD: 114,7k; 1900AD: 121,5k
Yelets-Russia	52,62°N, 38,50°E	1146-1900AD	1146AD: 2,0k; 1395AD: 3,5k; 1600AD: 4,2k; 1700AD: 7,8k; 1800AD: 14,5k; 1850AD: 26,5k; 1897AD: 47,0k; 1900AD: 49,2k
Zaraysk-Russia	54,76°N, 38,87°E	1146-1900AD	1146AD: 1,1k; 1237AD: 2,2k; 1531AD: 4,5k; 1700AD: 5,2k; 1800AD: 6,8k; 1850AD: 6,2k; 1897AD: 8,1k; 1900AD: 8,3k
Belev-Russia	53,81°N, 36,14°E	1147-1900AD	1147AD: 1,2k; 1400AD: 3,2k; 1650AD: 4,8k; 1700AD: 5,6k; 1800AD: 7,2k; 1897AD: 9,6k; 1900AD: 9,8k
Moscow-Russia	55,76°N, 37,62°E	1147-1900AD	1147AD: 1,2k; 1200AD: 4,0k; 1300AD: 15,0k; 1400AD: 40,0k; 1500AD: 80,0k; 1600AD: 120,0k; 1700AD: 150,0k; 1750AD: 165,0k; 1800AD: 250,0k; 1850AD: 368,8k; 1897AD: 1038,6k; 1900AD: 1174,7k
Vologda-Russia	59,22°N, 39,89°E	1147-1900AD	1147AD: 1,1k; 1200AD: 2,0k; 1400AD: 4,2k; 1550AD: 8,5k; 1650AD: 11,0k; 1700AD: 10,5k; 1800AD: 11,2k; 1850AD: 16,8k; 1897AD: 27,7k; 1900AD: 29,1k
Dorogobuzh-Russia	54,92°N, 33,30°E	1150-1900AD	1150AD: 1,5k; 1200AD: 2,8k; 1500AD: 4,2k; 1700AD: 4,5k; 1800AD: 5,8k; 1897AD: 6,5k; 1900AD: 6,7k
Kexholm-Russia	61,04°N, 30,13°E	1150-1900AD	1150AD: 800; 1300AD: 1,6k; 1500AD: 2,8k; 1700AD: 1,4k; 1897AD: 1,8k; 1900AD: 1,9k

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Stadester Key	Coords	Occupied Span	Complete Population Series (Year: Population)
Tetyushi-Russia	54,94°N, 48,84°E	1150-1900AD	1150AD: 1,2k; 1555AD: 1,8k; 1700AD: 2,2k; 1800AD: 3,1k; 1897AD: 4,8k; 1900AD: 4,9k
Yelnya-Russia	54,58°N, 33,18°E	1150-1900AD	1150AD: 900; 1500AD: 1,6k; 1800AD: 2,2k; 1897AD: 2,4k; 1900AD: 2,5k
Gorodets-Russia	56,65°N, 43,47°E	1152-1900AD	1152AD: 2,0k; 1200AD: 6,5k; 1263AD: 5,5k; 1400AD: 3,5k; 1700AD: 3,2k; 1800AD: 4,8k; 1897AD: 6,3k; 1900AD: 6,6k
Kasimov-Russia	54,94°N, 41,40°E	1152-1900AD	1152AD: 1,2k; 1300AD: 2,5k; 1452AD: 6,5k; 1550AD: 8,0k; 1700AD: 6,2k; 1800AD: 7,8k; 1850AD: 10,2k; 1897AD: 13,5k; 1900AD: 14,1k
Kideksha-Russia	56,43°N, 40,53°E	1152-1900AD	1152AD: 1,4k; 1200AD: 2,0k; 1300AD: 700; 1500AD: 500; 1897AD: 650; 1900AD: 680
Kostroma-Russia	57,77°N, 40,93°E	1152-1900AD	1152AD: 1,5k; 1200AD: 4,5k; 1300AD: 5,5k; 1500AD: 8,5k; 1650AD: 12,0k; 1700AD: 11,5k; 1800AD: 12,8k; 1850AD: 18,5k; 1897AD: 41,4k; 1900AD: 43,2k
Lgov-Russia	51,67°N, 35,26°E	1152-1900AD	1152AD: 1,1k; 1779AD: 1,8k; 1850AD: 3,4k; 1897AD: 4,3k; 1900AD: 4,5k
Rylsk-Russia	51,57°N, 34,68°E	1152-1900AD	1152AD: 2,0k; 1200AD: 4,5k; 1500AD: 4,0k; 1700AD: 5,5k; 1800AD: 6,8k; 1897AD: 11,5k; 1900AD: 11,9k
Starodub-on-Klyazma-Russia	56,39°N, 41,43°E	1152-1900AD	1152AD: 1,8k; 1200AD: 3,8k; 1300AD: 2,8k; 1500AD: 1,5k; 1700AD: 800; 1897AD: 920; 1900AD: 950
Yuryev-Polsky-Russia	56,50°N, 39,68°E	1152-1900AD	1152AD: 2,0k; 1200AD: 4,5k; 1300AD: 3,2k; 1500AD: 3,5k; 1700AD: 3,1k; 1800AD: 3,6k; 1897AD: 5,8k; 1900AD: 6,0k
Zvenigorod-Russia	55,73°N, 36,85°E	1152-1900AD	1152AD: 1,1k; 1300AD: 2,2k; 1400AD: 4,5k; 1500AD: 3,8k; 1700AD: 2,1k; 1800AD: 2,4k; 1897AD: 2,4k; 1900AD: 2,5k
Rostislavl-Ryazanskiy-Russia	54,94°N, 38,62°E	1153-1500AD	1153AD: 1,4k; 1200AD: 3,0k; 1300AD: 2,2k; 1500AD: 900
Dmitrov-Russia	56,34°N, 37,52°E	1154-1900AD	1154AD: 1,4k; 1200AD: 3,2k; 1300AD: 3,8k; 1500AD: 5,5k; 1700AD: 3,2k; 1800AD: 3,5k; 1897AD: 4,5k; 1900AD: 4,7k
Bogolyubovo-Russia	56,20°N, 40,54°E	1158-1900AD	1158AD: 2,5k; 1200AD: 3,5k; 1300AD: 1,2k; 1500AD: 900; 1700AD: 1,1k; 1897AD: 2,1k; 1900AD: 2,2k

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Stadester Key	Coords	Occupied Span	Complete Population Series (Year: Population)
Galich-Russia	58,38°N, 42,35°E	1159-1900AD	1159AD: 1,8k; 1250AD: 3,5k; 1400AD: 6,0k; 1500AD: 4,8k; 1700AD: 4,2k; 1800AD: 4,9k; 1897AD: 6,2k; 1900AD: 6,4k
Trubchevsk-Russia	52,58°N, 33,77°E	1164-1900AD	1164AD: 1,8k; 1200AD: 3,2k; 1500AD: 3,5k; 1700AD: 3,8k; 1800AD: 4,6k; 1897AD: 7,4k; 1900AD: 7,6k
Krasny-Russia	54,56°N, 31,43°E	1165-1900AD	1165AD: 1,1k; 1500AD: 1,5k; 1800AD: 2,1k; 1897AD: 2,8k; 1900AD: 2,8k
Velikiye Luki-Russia	56,34°N, 30,53°E	1166-1900AD	1166AD: 1,5k; 1300AD: 2,2k; 1500AD: 3,8k; 1700AD: 3,5k; 1800AD: 4,1k; 1850AD: 5,6k; 1897AD: 8,5k; 1900AD: 8,9k
Gorokhovets-Russia	56,20°N, 42,69°E	1168-1900AD	1168AD: 1,1k; 1238AD: 1,8k; 1600AD: 2,2k; 1700AD: 3,1k; 1800AD: 2,8k; 1897AD: 2,3k; 1900AD: 2,4k
Kolomna-Russia	55,08°N, 38,78°E	1177-1900AD	1177AD: 2,5k; 1237AD: 4,5k; 1300AD: 5,5k; 1400AD: 8,5k; 1500AD: 11,0k; 1700AD: 7,8k; 1800AD: 10,2k; 1850AD: 15,4k; 1897AD: 20,3k; 1900AD: 21,5k
Kotelnich-Russia	58,31°N, 48,35°E	1181-1900AD	1181AD: 800; 1500AD: 1,8k; 1700AD: 2,4k; 1800AD: 3,1k; 1897AD: 4,2k; 1900AD: 4,4k
Vyatka-Russia	58,60°N, 49,67°E	1181-1900AD	1181AD: 900; 1374AD: 2,5k; 1489AD: 5,2k; 1650AD: 6,8k; 1700AD: 7,5k; 1800AD: 9,2k; 1850AD: 14,8k; 1897AD: 25,0k; 1900AD: 26,8k
Bolkhov-Russia	53,44°N, 36,00°E	1196-1900AD	1196AD: 1,2k; 1550AD: 4,2k; 1700AD: 7,5k; 1800AD: 12,8k; 1850AD: 17,5k; 1897AD: 21,4k; 1900AD: 22,0k
Kholm-Russia	57,15°N, 31,18°E	1200-1900AD	1200AD: 900; 1500AD: 1,6k; 1700AD: 1,8k; 1800AD: 2,7k; 1897AD: 5,9k; 1900AD: 6,1k
Kholmogory-Russia	64,22°N, 41,66°E	1200-1900AD	1200AD: 900; 1400AD: 2,4k; 1550AD: 5,5k; 1650AD: 6,8k; 1700AD: 5,2k; 1800AD: 1,6k; 1897AD: 1,1k; 1900AD: 1,1k
Mologa-Russia	58,20°N, 38,44°E	1200-1900AD	1200AD: 1,5k; 1400AD: 4,5k; 1500AD: 3,5k; 1700AD: 2,6k; 1800AD: 3,2k; 1897AD: 4,3k; 1900AD: 4,4k
Velikiy Ustyug-Russia	60,76°N, 46,30°E	1207-1900AD	1207AD: 1,8k; 1400AD: 3,8k; 1550AD: 6,5k; 1650AD: 9,5k; 1700AD: 9,2k; 1800AD: 10,8k; 1850AD: 9,5k; 1897AD: 11,1k; 1900AD: 11,5k
Kadom-Russia	54,56°N, 42,47°E	1209-1900AD	1209AD: 1,1k; 1500AD: 2,5k; 1700AD: 3,4k; 1800AD: 4,6k; 1897AD: 6,3k; 1900AD: 6,5k

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Stadester Key	Coords	Occupied Span	Complete Population Series (Year: Population)
Rzhev-Russia	56,26°N, 34,33°E	1216-1900AD	1216AD: 1,8k; 1400AD: 4,2k; 1500AD: 5,5k; 1700AD: 6,8k; 1800AD: 9,5k; 1850AD: 16,2k; 1897AD: 21,3k; 1900AD: 22,4k
Zubtsov-Russia	56,17°N, 34,59°E	1216-1900AD	1216AD: 1,2k; 1350AD: 2,8k; 1500AD: 2,5k; 1700AD: 2,1k; 1800AD: 2,9k; 1897AD: 3,0k; 1900AD: 3,1k
Nizhny Novgorod-Russia	56,33°N, 44,01°E	1221-1900AD	1221AD: 2,5k; 1300AD: 8,0k; 1370AD: 14,0k; 1500AD: 12,0k; 1650AD: 16,5k; 1700AD: 18,5k; 1800AD: 22,0k; 1850AD: 36,5k; 1897AD: 90,1k; 1900AD: 95,8k
Mozhaisk-Russia	55,50°N, 36,03°E	1231-1900AD	1231AD: 1,5k; 1300AD: 2,8k; 1450AD: 5,2k; 1500AD: 5,8k; 1700AD: 3,6k; 1800AD: 3,9k; 1897AD: 3,2k; 1900AD: 3,4k
Kashin-Russia	57,36°N, 37,61°E	1238-1900AD	1238AD: 1,5k; 1300AD: 3,8k; 1400AD: 5,5k; 1500AD: 4,8k; 1700AD: 4,6k; 1800AD: 5,4k; 1897AD: 7,5k; 1900AD: 7,8k
Meshchovsk-Russia	54,32°N, 35,28°E	1238-1900AD	1238AD: 1,2k; 1500AD: 2,6k; 1700AD: 3,1k; 1800AD: 4,2k; 1897AD: 3,6k; 1900AD: 3,8k
Porkhov-Russia	57,77°N, 29,55°E	1239-1900AD	1239AD: 700; 1400AD: 2,2k; 1500AD: 2,8k; 1700AD: 1,9k; 1800AD: 2,8k; 1897AD: 5,6k; 1900AD: 5,8k
Vyazma-Russia	55,21°N, 34,29°E	1239-1900AD	1239AD: 1,6k; 1400AD: 3,8k; 1500AD: 5,5k; 1700AD: 6,8k; 1800AD: 9,5k; 1850AD: 11,8k; 1897AD: 15,6k; 1900AD: 16,2k
Koporye-Russia	59,71°N, 29,03°E	1240-1900AD	1240AD: 500; 1300AD: 900; 1500AD: 1,4k; 1700AD: 800; 1897AD: 720; 1900AD: 750
Tarusa-Russia	54,73°N, 37,18°E	1246-1900AD	1246AD: 1,4k; 1400AD: 2,2k; 1700AD: 1,5k; 1800AD: 1,8k; 1897AD: 2,0k; 1900AD: 2,0k
Staritsa-Russia	56,51°N, 34,94°E	1297-1900AD	1297AD: 1,6k; 1400AD: 3,5k; 1550AD: 5,2k; 1700AD: 3,1k; 1800AD: 3,8k; 1897AD: 6,4k; 1900AD: 6,6k
Cheboksary-Russia	56,15°N, 47,25°E	1300-1900AD	1300AD: 1,4k; 1469AD: 2,2k; 1555AD: 3,5k; 1700AD: 4,2k; 1800AD: 4,8k; 1897AD: 4,7k; 1900AD: 5,0k
Dankov-Russia	53,25°N, 39,16°E	1300-1900AD	1300AD: 900; 1568AD: 2,2k; 1700AD: 2,6k; 1800AD: 2,9k; 1897AD: 9,1k; 1900AD: 9,4k
Romanov-Borisoglebsk-Russia	57,88°N, 39,54°E	1300-1900AD	1300AD: 1,8k; 1500AD: 3,2k; 1700AD: 3,9k; 1800AD: 4,8k; 1897AD: 6,7k; 1900AD: 6,9k

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Stadester Key	Coords	Occupied Span	Complete Population Series (Year: Population)
Shenkursk-Russia	62,11°N, 42,90°E	1300-1900AD	1300AD: 600; 1550AD: 1,5k; 1700AD: 1,8k; 1800AD: 1,2k; 1897AD: 1,5k; 1900AD: 1,6k
Ustyuzhna-Russia	58,84°N, 36,43°E	1300-1900AD	1300AD: 1,2k; 1500AD: 4,2k; 1600AD: 6,0k; 1700AD: 4,5k; 1800AD: 3,2k; 1897AD: 5,1k; 1900AD: 5,3k
Mukhshi-Russia	53,88°N, 43,69°E	1313-1900AD	1313AD: 14,0k; 1360AD: 18,0k; 1400AD: 2,5k; 1650AD: 2,8k; 1800AD: 3,6k; 1897AD: 4,7k; 1900AD: 4,8k
Klin-Russia	56,33°N, 36,73°E	1317-1900AD	1317AD: 1,1k; 1500AD: 2,2k; 1700AD: 1,8k; 1800AD: 2,5k; 1897AD: 4,7k; 1900AD: 4,9k
Gdov-Russia	58,74°N, 27,81°E	1323-1900AD	1323AD: 600; 1450AD: 1,6k; 1500AD: 2,0k; 1700AD: 1,2k; 1897AD: 2,1k; 1900AD: 2,2k
Shlisselburg-Russia	59,94°N, 31,03°E	1323-1900AD	1323AD: 800; 1500AD: 2,0k; 1700AD: 1,8k; 1800AD: 3,1k; 1897AD: 5,3k; 1900AD: 5,6k
Ruza-Russia	55,70°N, 36,20°E	1328-1900AD	1328AD: 1,1k; 1500AD: 2,4k; 1700AD: 1,8k; 1800AD: 2,3k; 1897AD: 2,3k; 1900AD: 2,4k
Serpukhov-Russia	54,92°N, 37,41°E	1339-1900AD	1339AD: 2,0k; 1400AD: 4,8k; 1500AD: 6,5k; 1700AD: 5,8k; 1800AD: 6,9k; 1850AD: 14,2k; 1897AD: 30,6k; 1900AD: 32,5k
Ostrov-Russia	57,34°N, 28,35°E	1341-1900AD	1341AD: 900; 1500AD: 2,5k; 1700AD: 1,8k; 1800AD: 2,4k; 1897AD: 6,3k; 1900AD: 6,5k
Aleksin-Russia	54,50°N, 37,07°E	1348-1900AD	1348AD: 1,2k; 1500AD: 2,5k; 1700AD: 2,2k; 1800AD: 2,8k; 1897AD: 3,5k; 1900AD: 3,6k
Soligalich-Russia	59,08°N, 42,29°E	1350-1900AD	1350AD: 1,5k; 1500AD: 3,2k; 1700AD: 2,8k; 1800AD: 3,1k; 1897AD: 3,4k; 1900AD: 3,5k
Kashira-Russia	54,84°N, 38,15°E	1356-1900AD	1356AD: 1,2k; 1500AD: 2,8k; 1700AD: 2,6k; 1800AD: 3,4k; 1897AD: 4,1k; 1900AD: 4,2k
Borovsk-Russia	55,21°N, 36,49°E	1358-1900AD	1358AD: 1,5k; 1500AD: 3,6k; 1700AD: 4,2k; 1800AD: 5,9k; 1850AD: 8,4k; 1897AD: 8,4k; 1900AD: 8,6k
Bely-Russia	55,84°N, 32,94°E	1359-1900AD	1359AD: 1,2k; 1500AD: 2,5k; 1700AD: 3,2k; 1800AD: 4,6k; 1897AD: 7,0k; 1900AD: 7,1k
Kaluga-Russia	54,53°N, 36,28°E	1371-1900AD	1371AD: 1,8k; 1500AD: 4,5k; 1650AD: 10,5k; 1700AD: 13,5k; 1800AD: 23,0k; 1850AD: 31,2k; 1897AD: 49,5k; 1900AD: 51,2k

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Stadester Key	Coords	Occupied Span	Complete Population Series (Year: Population)
Ostashkov-Russia	57,15°N, 33,11°E	1371-1900AD	1371AD: 1,2k; 1500AD: 2,4k; 1700AD: 4,5k; 1800AD: 7,2k; 1850AD: 9,8k; 1897AD: 10,4k; 1900AD: 10,8k
Venyov-Russia	54,35°N, 38,27°E	1371-1900AD	1371AD: 1,1k; 1550AD: 2,4k; 1700AD: 2,8k; 1800AD: 3,5k; 1897AD: 5,2k; 1900AD: 5,3k
Vereya-Russia	55,34°N, 36,19°E	1371-1900AD	1371AD: 1,4k; 1500AD: 3,2k; 1700AD: 4,5k; 1800AD: 5,8k; 1850AD: 5,4k; 1897AD: 3,7k; 1900AD: 3,8k
Kurmysh-Russia	55,83°N, 46,05°E	1372-1900AD	1372AD: 1,5k; 1500AD: 2,5k; 1700AD: 2,2k; 1800AD: 1,9k; 1897AD: 3,2k; 1900AD: 3,2k
Kargopol-Russia	61,51°N, 38,95°E	1380-1900AD	1380AD: 1,4k; 1500AD: 3,5k; 1600AD: 5,2k; 1700AD: 4,6k; 1800AD: 3,1k; 1897AD: 3,1k; 1900AD: 3,1k
Chukhloma-Russia	58,76°N, 42,69°E	1381-1900AD	1381AD: 1,1k; 1500AD: 2,0k; 1700AD: 1,8k; 1800AD: 2,1k; 1897AD: 2,2k; 1900AD: 2,2k
Elatma-Russia	54,97°N, 41,75°E	1381-1900AD	1381AD: 1,2k; 1600AD: 2,8k; 1700AD: 3,9k; 1800AD: 5,4k; 1897AD: 7,1k; 1900AD: 7,3k
Yamburg-Russia	59,37°N, 28,61°E	1384-1900AD	1384AD: 900; 1500AD: 1,8k; 1700AD: 1,1k; 1800AD: 1,6k; 1897AD: 4,6k; 1900AD: 4,8k
Temnikov-Russia	54,63°N, 43,21°E	1388-1900AD	1388AD: 2,2k; 1536AD: 3,8k; 1700AD: 4,2k; 1800AD: 5,1k; 1897AD: 5,4k; 1900AD: 5,5k
Mamadysh-Russia	55,72°N, 51,41°E	1391-1900AD	1391AD: 900; 1700AD: 1,6k; 1800AD: 2,4k; 1897AD: 4,2k; 1900AD: 4,3k
Aleksandrov-Russia	56,40°N, 38,71°E	1400-1900AD	1400AD: 800; 1570AD: 8,5k; 1700AD: 2,4k; 1800AD: 3,1k; 1897AD: 6,8k; 1900AD: 7,1k
Kirzhach-Russia	56,15°N, 38,85°E	1400-1900AD	1400AD: 600; 1700AD: 1,2k; 1800AD: 1,9k; 1897AD: 4,9k; 1900AD: 5,0k
Sergiyev Posad-Russia	56,30°N, 38,13°E	1400-1900AD	1400AD: 1,2k; 1550AD: 4,5k; 1700AD: 6,5k; 1800AD: 9,2k; 1850AD: 14,5k; 1897AD: 25,0k; 1900AD: 26,5k
Tikhvin-Russia	59,65°N, 33,54°E	1400-1900AD	1400AD: 600; 1560AD: 2,5k; 1700AD: 3,8k; 1800AD: 4,2k; 1850AD: 6,1k; 1897AD: 6,6k; 1900AD: 6,8k
Maloyaroslavets-Russia	55,01°N, 36,47°E	1402-1900AD	1402AD: 1,1k; 1500AD: 1,8k; 1700AD: 1,6k; 1800AD: 2,1k; 1897AD: 2,5k; 1900AD: 2,6k
Lyskovo-Russia	56,01°N, 45,03°E	1410-1900AD	1410AD: 1,1k; 1700AD: 3,5k; 1800AD: 5,2k; 1897AD: 7,8k; 1900AD: 8,1k
Opochka-Russia	56,71°N, 28,66°E	1414-1900AD	1414AD: 1,1k; 1500AD: 2,6k; 1700AD: 2,0k; 1800AD: 3,1k; 1897AD: 5,7k; 1900AD: 6,0k

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Stadester Key	Coords	Occupied Span	Complete Population Series (Year: Population)
Sebezh-Russia	56,28°N, 28,48°E	1414-1900AD	1414AD: 1,2k; 1535AD: 2,2k; 1800AD: 2,8k; 1897AD: 4,3k; 1900AD: 4,5k
Kineshma-Russia	57,44°N, 42,15°E	1429-1900AD	1429AD: 1,2k; 1600AD: 2,5k; 1700AD: 2,8k; 1800AD: 3,2k; 1850AD: 3,9k; 1897AD: 7,6k; 1900AD: 8,2k
Solikamsk-Russia	59,63°N, 56,77°E	1430-1900AD	1430AD: 1,2k; 1550AD: 3,5k; 1650AD: 6,8k; 1700AD: 7,2k; 1800AD: 4,5k; 1897AD: 4,1k; 1900AD: 4,2k
Kalyazin-Russia	57,24°N, 37,86°E	1450-1900AD	1450AD: 900; 1700AD: 2,4k; 1800AD: 4,6k; 1850AD: 6,8k; 1897AD: 5,5k; 1900AD: 5,7k
Kem-Russia	64,96°N, 34,58°E	1450-1900AD	1450AD: 500; 1600AD: 1,1k; 1700AD: 1,4k; 1800AD: 1,6k; 1897AD: 2,4k; 1900AD: 2,6k
Orlov-Vyatka-Russia	58,54°N, 48,89°E	1459-1900AD	1459AD: 1,1k; 1700AD: 1,9k; 1800AD: 2,6k; 1897AD: 3,3k; 1900AD: 3,4k
Vyshniy Volochyok-Russia	57,59°N, 34,56°E	1471-1900AD	1471AD: 900; 1700AD: 2,2k; 1800AD: 6,4k; 1850AD: 11,5k; 1897AD: 16,6k; 1900AD: 17,5k
Balakhna-Russia	56,49°N, 43,54°E	1474-1900AD	1474AD: 2,5k; 1550AD: 5,8k; 1700AD: 5,2k; 1800AD: 4,5k; 1897AD: 5,1k; 1900AD: 5,3k
Bogorodsk-Russia	55,85°N, 38,44°E	1500-1900AD	1500AD: 500; 1781AD: 1,1k; 1850AD: 3,2k; 1897AD: 11,1k; 1900AD: 12,2k
Borovichi-Russia	58,39°N, 33,92°E	1500-1900AD	1500AD: 700; 1700AD: 1,8k; 1800AD: 4,6k; 1850AD: 8,1k; 1897AD: 9,4k; 1900AD: 9,9k
Dukhovshchina-Russia	55,19°N, 32,41°E	1500-1900AD	1500AD: 600; 1777AD: 1,4k; 1897AD: 3,1k; 1900AD: 3,2k
Onega-Russia	63,91°N, 38,11°E	1500-1900AD	1500AD: 600; 1700AD: 1,1k; 1800AD: 1,4k; 1897AD: 2,5k; 1900AD: 2,7k
Porechye-Russia	55,27°N, 31,52°E	1500-1900AD	1500AD: 800; 1750AD: 2,8k; 1800AD: 4,5k; 1897AD: 5,7k; 1900AD: 5,8k
Sychevka-Russia	55,83°N, 34,27°E	1500-1900AD	1500AD: 700; 1776AD: 1,8k; 1850AD: 3,8k; 1897AD: 4,8k; 1900AD: 5,0k
Valday-Russia	57,97°N, 33,25°E	1500-1900AD	1500AD: 800; 1700AD: 2,1k; 1800AD: 3,4k; 1850AD: 4,5k; 1897AD: 2,9k; 1900AD: 3,1k
Ryazhsk-Russia	53,71°N, 40,06°E	1502-1900AD	1502AD: 1,1k; 1700AD: 2,5k; 1800AD: 3,2k; 1897AD: 14,8k; 1900AD: 15,4k
Nevel-Russia	56,02°N, 29,93°E	1504-1900AD	1504AD: 1,8k; 1700AD: 2,9k; 1800AD: 4,2k; 1897AD: 9,3k; 1900AD: 9,7k
Slobodskoy-Russia	58,73°N, 50,18°E	1505-1900AD	1505AD: 1,4k; 1700AD: 3,6k; 1800AD: 5,2k; 1850AD: 6,5k; 1897AD: 7,4k; 1900AD: 7,6k
Krasny Kholm-Russia	58,06°N, 37,12°E	1518-1900AD	1518AD: 700; 1700AD: 1,4k; 1800AD: 1,9k; 1897AD: 2,5k; 1900AD: 2,6k

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Stadester Key	Coords	Occupied Span	Complete Population Series (Year: Population)
Vasilsursk-Russia	56,13°N, 46,01°E	1523-1900AD	1523AD: 1,8k; 1700AD: 2,1k; 1800AD: 2,4k; 1897AD: 3,8k; 1900AD: 3,9k
Velizh-Russia	55,61°N, 31,20°E	1536-1900AD	1536AD: 1,8k; 1700AD: 3,5k; 1800AD: 5,8k; 1897AD: 12,2k; 1900AD: 12,6k
Shuya-Russia	56,85°N, 41,39°E	1539-1900AD	1539AD: 1,5k; 1650AD: 2,8k; 1700AD: 3,2k; 1800AD: 4,5k; 1850AD: 8,9k; 1897AD: 19,6k; 1900AD: 20,8k
Lyubim-Russia	58,36°N, 40,69°E	1546-1900AD	1546AD: 800; 1700AD: 1,5k; 1800AD: 2,0k; 1897AD: 3,0k; 1900AD: 3,1k
Danilov-Russia	58,19°N, 40,17°E	1550-1900AD	1550AD: 700; 1700AD: 1,4k; 1800AD: 2,1k; 1897AD: 4,3k; 1900AD: 4,5k
Kovrov-Russia	56,36°N, 41,32°E	1550-1900AD	1550AD: 600; 1700AD: 1,1k; 1800AD: 1,8k; 1850AD: 3,5k; 1897AD: 14,6k; 1900AD: 15,8k
Mezen-Russia	65,85°N, 44,24°E	1550-1900AD	1550AD: 700; 1700AD: 1,3k; 1800AD: 1,5k; 1897AD: 1,8k; 1900AD: 1,9k
Sviyazhsk-Russia	55,77°N, 48,66°E	1551-1900AD	1551AD: 5,0k; 1650AD: 3,8k; 1700AD: 3,2k; 1800AD: 2,5k; 1897AD: 2,4k; 1900AD: 2,4k
Alatyr-Russia	54,84°N, 46,58°E	1552-1900AD	1552AD: 2,0k; 1700AD: 4,2k; 1800AD: 5,8k; 1850AD: 8,5k; 1897AD: 12,2k; 1900AD: 12,8k
Arzamas-Russia	55,39°N, 43,84°E	1552-1900AD	1552AD: 1,8k; 1650AD: 5,5k; 1700AD: 7,2k; 1800AD: 8,9k; 1850AD: 10,5k; 1897AD: 10,6k; 1900AD: 11,0k
Shatsk-Russia	54,03°N, 41,71°E	1553-1900AD	1553AD: 2,4k; 1700AD: 4,5k; 1800AD: 5,8k; 1897AD: 13,9k; 1900AD: 14,3k
Laishevo-Russia	55,40°N, 49,55°E	1557-1900AD	1557AD: 1,2k; 1700AD: 1,9k; 1800AD: 2,6k; 1897AD: 3,7k; 1900AD: 3,9k
Usolye-Russia	59,42°N, 56,68°E	1558-1900AD	1558AD: 1,5k; 1650AD: 4,2k; 1700AD: 5,5k; 1800AD: 5,2k; 1897AD: 6,7k; 1900AD: 6,8k
Ivanovo-Voznesensk-Russia	57,00°N, 40,97°E	1561-1900AD	1561AD: 600; 1700AD: 1,8k; 1800AD: 5,2k; 1850AD: 15,0k; 1897AD: 54,2k; 1900AD: 61,5k
Vesyegonsk-Russia	58,66°N, 37,26°E	1564-1900AD	1564AD: 900; 1700AD: 1,8k; 1800AD: 2,5k; 1897AD: 3,5k; 1900AD: 3,6k
Oryol-Russia	52,97°N, 36,08°E	1566-1900AD	1566AD: 2,5k; 1650AD: 6,5k; 1700AD: 11,5k; 1800AD: 22,0k; 1850AD: 35,2k; 1897AD: 69,7k; 1900AD: 72,8k
Pavlovo-Russia	55,96°N, 43,09°E	1566-1900AD	1566AD: 1,2k; 1700AD: 3,8k; 1800AD: 6,5k; 1850AD: 8,8k; 1897AD: 12,4k; 1900AD: 13,1k
Yepifan-Russia	53,83°N, 38,55°E	1566-1900AD	1566AD: 1,8k; 1700AD: 2,4k; 1800AD: 2,9k; 1897AD: 4,2k; 1900AD: 4,3k
Krasnoslobodsk-Russia	54,43°N, 43,78°E	1571-1900AD	1571AD: 1,5k; 1700AD: 3,2k; 1800AD: 5,4k; 1897AD: 7,4k; 1900AD: 7,6k

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Stadester Key	Coords	Occupied Span	Complete Population Series (Year: Population)
Kozmodemyansk-Russia	56,34°N, 46,56°E	1583-1900AD	1583AD: 1,1k; 1700AD: 2,4k; 1800AD: 3,6k; 1897AD: 5,3k; 1900AD: 5,5k
Arkhangelsk-Russia	64,54°N, 40,54°E	1584-1900AD	1584AD: 1,5k; 1650AD: 6,5k; 1700AD: 10,5k; 1800AD: 11,2k; 1850AD: 15,2k; 1897AD: 20,9k; 1900AD: 21,8k
Menzelinsk-Russia	55,73°N, 53,10°E	1584-1900AD	1584AD: 1,1k; 1700AD: 2,4k; 1800AD: 3,6k; 1897AD: 7,6k; 1900AD: 7,8k
Tsarevokokshaisk-Russia	56,63°N, 47,89°E	1584-1900AD	1584AD: 900; 1700AD: 1,4k; 1800AD: 1,6k; 1897AD: 1,7k; 1900AD: 1,8k
Urzhum-Russia	57,11°N, 50,00°E	1584-1900AD	1584AD: 1,1k; 1700AD: 1,8k; 1800AD: 2,5k; 1897AD: 4,4k; 1900AD: 4,6k
Yaransk-Russia	57,30°N, 47,88°E	1584-1900AD	1584AD: 1,2k; 1700AD: 2,4k; 1800AD: 3,2k; 1897AD: 4,8k; 1900AD: 5,0k
Livny-Russia	52,43°N, 37,61°E	1586-1900AD	1586AD: 2,8k; 1700AD: 5,5k; 1800AD: 8,2k; 1850AD: 13,4k; 1897AD: 20,4k; 1900AD: 21,2k
Samara-Russia	53,20°N, 50,10°E	1586-1900AD	1586AD: 1,8k; 1700AD: 4,2k; 1800AD: 7,5k; 1850AD: 24,0k; 1897AD: 90,0k; 1900AD: 96,5k
Voronezh-Russia	51,67°N, 39,18°E	1586-1900AD	1586AD: 3,0k; 1650AD: 8,5k; 1700AD: 18,0k; 1800AD: 21,0k; 1850AD: 38,5k; 1897AD: 80,6k; 1900AD: 84,5k
Osa-Russia	57,28°N, 55,46°E	1591-1900AD	1591AD: 800; 1700AD: 1,6k; 1800AD: 2,5k; 1897AD: 5,1k; 1900AD: 5,2k
Stary Oskol-Russia	51,30°N, 37,84°E	1593-1900AD	1593AD: 2,2k; 1700AD: 4,8k; 1800AD: 6,5k; 1850AD: 9,8k; 1897AD: 15,6k; 1900AD: 16,2k
Valuyki-Russia	50,21°N, 38,10°E	1593-1900AD	1593AD: 1,8k; 1700AD: 3,4k; 1800AD: 4,2k; 1897AD: 6,7k; 1900AD: 6,9k
Sarapul-Russia	56,48°N, 53,80°E	1596-1900AD	1596AD: 900; 1700AD: 2,8k; 1800AD: 5,6k; 1850AD: 9,8k; 1897AD: 21,4k; 1900AD: 22,8k
Skopin-Russia	53,82°N, 39,55°E	1597-1900AD	1597AD: 1,2k; 1700AD: 2,8k; 1800AD: 5,9k; 1850AD: 9,8k; 1897AD: 13,2k; 1900AD: 13,8k
Myshkin-Russia	57,79°N, 38,45°E	1600-1900AD	1600AD: 600; 1700AD: 1,1k; 1800AD: 1,8k; 1897AD: 2,2k; 1900AD: 2,4k
Pokrov-Russia	55,92°N, 39,18°E	1600-1900AD	1600AD: 500; 1800AD: 1,4k; 1897AD: 2,8k; 1900AD: 2,9k
Spassk-Ryazanskiy-Russia	54,41°N, 40,38°E	1600-1900AD	1600AD: 800; 1778AD: 2,1k; 1850AD: 4,2k; 1897AD: 4,8k; 1900AD: 4,9k
Yegoryevsk-Russia	55,38°N, 39,04°E	1600-1900AD	1600AD: 700; 1780AD: 1,4k; 1850AD: 5,2k; 1897AD: 19,2k; 1900AD: 20,5k
Sapozhok-Russia	53,94°N, 40,68°E	1605-1900AD	1605AD: 900; 1700AD: 2,2k; 1800AD: 3,6k; 1897AD: 8,6k; 1900AD: 8,8k
Kozlov-Russia	52,90°N, 40,51°E	1635-1900AD	1635AD: 3,5k; 1700AD: 6,8k; 1800AD: 11,5k; 1850AD: 21,2k; 1897AD: 40,3k; 1900AD: 42,1k

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Stadester Key	Coords	Occupied Span	Complete Population Series (Year: Population)
Nizhniy Lomov-Russia	53,53°N, 43,68°E	1636-1900AD	1636AD: 2,2k; 1700AD: 4,5k; 1800AD: 6,8k; 1897AD: 10,0k; 1900AD: 10,3k
Tambov-Russia	52,72°N, 41,45°E	1636-1900AD	1636AD: 3,2k; 1700AD: 7,5k; 1800AD: 12,8k; 1850AD: 24,5k; 1897AD: 48,0k; 1900AD: 50,5k
Ranenburg-Russia	53,24°N, 39,96°E	1638-1900AD	1638AD: 800; 1702AD: 1,8k; 1800AD: 3,4k; 1897AD: 15,3k; 1900AD: 15,9k
Saransk-Russia	54,19°N, 45,18°E	1641-1900AD	1641AD: 2,4k; 1700AD: 5,2k; 1800AD: 7,8k; 1850AD: 11,2k; 1897AD: 14,6k; 1900AD: 15,2k
Karsun-Russia	54,20°N, 46,98°E	1647-1900AD	1647AD: 1,8k; 1700AD: 2,9k; 1800AD: 3,4k; 1897AD: 3,8k; 1900AD: 3,9k
Kungur-Russia	57,43°N, 56,95°E	1648-1900AD	1648AD: 1,5k; 1700AD: 4,8k; 1800AD: 6,9k; 1850AD: 9,8k; 1897AD: 14,3k; 1900AD: 14,9k
Simbirsk-Russia	54,31°N, 48,40°E	1648-1900AD	1648AD: 2,5k; 1700AD: 6,8k; 1800AD: 13,2k; 1850AD: 23,5k; 1897AD: 41,7k; 1900AD: 44,1k
Oboyan-Russia	51,21°N, 36,28°E	1649-1900AD	1649AD: 1,8k; 1700AD: 3,6k; 1800AD: 5,4k; 1897AD: 11,8k; 1900AD: 12,2k
Morshansk-Russia	53,44°N, 41,81°E	1650-1900AD	1650AD: 1,2k; 1779AD: 5,5k; 1850AD: 15,8k; 1897AD: 26,5k; 1900AD: 27,5k
Pavlovskiy Posad-Russia	55,78°N, 38,65°E	1650-1900AD	1650AD: 800; 1800AD: 2,1k; 1850AD: 4,5k; 1897AD: 10,0k; 1900AD: 11,0k
Podolsk-Russia	55,43°N, 37,54°E	1650-1900AD	1650AD: 600; 1781AD: 1,2k; 1850AD: 2,8k; 1897AD: 3,8k; 1900AD: 4,2k
Sudogda-Russia	55,95°N, 40,86°E	1650-1900AD	1650AD: 500; 1800AD: 1,2k; 1897AD: 3,2k; 1900AD: 3,3k
Ostrogozhsk-Russia	50,86°N, 39,07°E	1652-1900AD	1652AD: 3,5k; 1700AD: 6,8k; 1800AD: 9,5k; 1897AD: 21,0k; 1900AD: 21,8k
Penza-Russia	53,20°N, 45,02°E	1663-1900AD	1663AD: 2,8k; 1700AD: 6,5k; 1800AD: 13,5k; 1850AD: 24,8k; 1897AD: 60,0k; 1900AD: 63,2k
Sudzha-Russia	51,19°N, 35,27°E	1664-1900AD	1664AD: 2,5k; 1700AD: 4,2k; 1800AD: 5,8k; 1897AD: 7,4k; 1900AD: 7,7k
Glazov-Russia	58,14°N, 52,66°E	1678-1900AD	1678AD: 500; 1780AD: 1,2k; 1850AD: 2,4k; 1897AD: 3,5k; 1900AD: 3,7k
Poshekhonye-Russia	58,50°N, 39,12°E	1680-1900AD	1680AD: 900; 1800AD: 2,2k; 1897AD: 4,0k; 1900AD: 4,2k
Syzran-Russia	53,16°N, 48,47°E	1683-1900AD	1683AD: 2,2k; 1700AD: 4,5k; 1800AD: 8,9k; 1850AD: 16,8k; 1897AD: 32,4k; 1900AD: 34,2k
Borisoglebsk-Russia	51,37°N, 42,08°E	1698-1900AD	1698AD: 1,5k; 1800AD: 4,8k; 1850AD: 9,5k; 1897AD: 22,3k; 1900AD: 23,5k
Chistopol-Russia	55,36°N, 50,64°E	1700-1900AD	1700AD: 1,2k; 1781AD: 3,8k; 1850AD: 11,2k; 1897AD: 20,1k; 1900AD: 21,2k
Melenki-Russia	55,34°N, 41,63°E	1700-1900AD	1700AD: 900; 1800AD: 2,4k; 1850AD: 4,8k; 1897AD: 8,9k; 1900AD: 9,2k

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Stadester Key	Coords	Occupied Span	Complete Population Series (Year: Population)
Orekhovo-Zuyevo-Russia	55,81°N, 38,96°E	1700-1900AD	1700AD: 600; 1800AD: 1,8k; 1850AD: 6,5k; 1897AD: 34,9k; 1900AD: 39,5k
Lipetsk-Russia	52,60°N, 39,57°E	1703-1900AD	1703AD: 1,8k; 1800AD: 5,6k; 1850AD: 11,2k; 1897AD: 20,5k; 1900AD: 21,5k
Petrozavodsk-Russia	61,78°N, 34,35°E	1703-1900AD	1703AD: 1,5k; 1750AD: 2,6k; 1800AD: 4,7k; 1850AD: 9,5k; 1897AD: 12,5k; 1900AD: 13,2k
Saint Petersburg-Russia	59,93°N, 30,34°E	1703-1900AD	1703AD: 5,0k; 1725AD: 40,0k; 1750AD: 95,0k; 1800AD: 220,2k; 1850AD: 487,3k; 1897AD: 1264,9k; 1900AD: 1439,6k
Kronstadt-Russia	60,00°N, 29,77°E	1704-1900AD	1704AD: 2,0k; 1750AD: 12,0k; 1800AD: 25,0k; 1850AD: 39,0k; 1897AD: 59,5k; 1900AD: 60,8k
Gzhatsk-Russia	55,55°N, 35,01°E	1719-1900AD	1719AD: 1,5k; 1800AD: 4,2k; 1850AD: 5,8k; 1897AD: 6,3k; 1900AD: 6,5k
Perm-Russia	58,01°N, 56,25°E	1723-1900AD	1723AD: 1,5k; 1781AD: 3,8k; 1800AD: 6,2k; 1850AD: 14,5k; 1897AD: 45,2k; 1900AD: 48,5k
Buzuluk-Russia	52,78°N, 52,26°E	1736-1900AD	1736AD: 1,5k; 1800AD: 3,8k; 1850AD: 7,2k; 1897AD: 14,4k; 1900AD: 15,1k
Krasnoufimsk-Russia	56,62°N, 57,77°E	1736-1900AD	1736AD: 1,2k; 1800AD: 2,8k; 1850AD: 4,2k; 1897AD: 6,3k; 1900AD: 6,5k
Stavropol-on-Volga-Russia	53,51°N, 49,42°E	1737-1900AD	1737AD: 1,8k; 1800AD: 3,1k; 1850AD: 4,2k; 1897AD: 6,0k; 1900AD: 6,2k
Buguruslan-Russia	53,66°N, 52,44°E	1748-1900AD	1748AD: 1,4k; 1800AD: 3,2k; 1850AD: 6,1k; 1897AD: 12,1k; 1900AD: 12,7k
Tsarskoye Selo-Russia	59,72°N, 30,40°E	1750-1900AD	1750AD: 2,5k; 1800AD: 5,5k; 1850AD: 11,2k; 1897AD: 22,5k; 1900AD: 24,1k
Votkinsk-Russia	57,05°N, 53,99°E	1759-1900AD	1759AD: 2,2k; 1800AD: 6,4k; 1850AD: 12,8k; 1897AD: 21,7k; 1900AD: 22,9k
Izhevsk-Russia	56,85°N, 53,21°E	1760-1900AD	1760AD: 2,5k; 1807AD: 8,5k; 1850AD: 18,5k; 1897AD: 41,1k; 1900AD: 43,5k
Sterlitamak-Russia	53,63°N, 55,93°E	1766-1900AD	1766AD: 1,5k; 1800AD: 3,8k; 1850AD: 7,5k; 1897AD: 15,6k; 1900AD: 16,4k
Gatchina-Russia	59,57°N, 30,13°E	1770-1900AD	1770AD: 1,8k; 1800AD: 4,2k; 1850AD: 8,5k; 1897AD: 14,8k; 1900AD: 15,6k

Table 4. Complete directory of all 258 settlement entries and population series in russian_core_principalities_settlements.json (10000BC - 1900AD).

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