

**Nordic Council of Ministers
Northwest Russia
Archangelsk Region**

**Inter-regional international conference
“Collaboration across healthcare and social services
in prevention of mother-to-child HIV infection**



Vice Minister of Health of Archangelsk Region

Ms Olga Tjurikova

Kaliningrad
13-14 June 2017

Archangelsk Region: general info

Archangelsk Region is the largest Russian region in its European part and largest region in Europe - 413 103 km² (3,45% of Russia's territory)



Population – 652 867 people (01.01.2016) \approx **28,2 % of Russia's Arctic zone**

Area – 187 754,3 km² \approx **5 % of Russia's Arctic zone**

As of 01.01.2017 **total population 1 122 266 чел.**



Special features:

- Low population density (2,74 people per km²)
- Water barriers
- Large distances to nearest healthcare facilities
- transport network, including road conditions
- low communications network coverage





* Structure of healthcare services to PLWHs in Archangelsk Region

- **Archangelsk Regional AIDS Centre** - organisation and conduct of HIV response measures in the region, methodical guidance of state healthcare organisations in diagnostics, treatment and prevention of HIV infection
- **State healthcare organisations** - doctors from the state healthcare organisations carry out recommendations of the AIDS Centre in terms of ARV therapy, chemotherapy of MTCT, follow-up care
- **Screening laboratories** for diagnostics of HIV (23 labs)
- **Special medical services** are provided by specialised healthcare organisations

* Follow-up of a pregnant HIV+ woman

Follow-up of an HIV+ pregnant woman and also pregnant woman with high risk of HIV infection is done by an infectionist from the AIDS Centre together with a gynecologist from the women's clinic of the client.

* Follow-up of a pregnant HIV+ woman (cont.)

The gynecologist communicates to the infectionist information about the progress of the pregnancy, concomitant diseases, complications of the pregnancy, results of lab tests, prescribed therapies

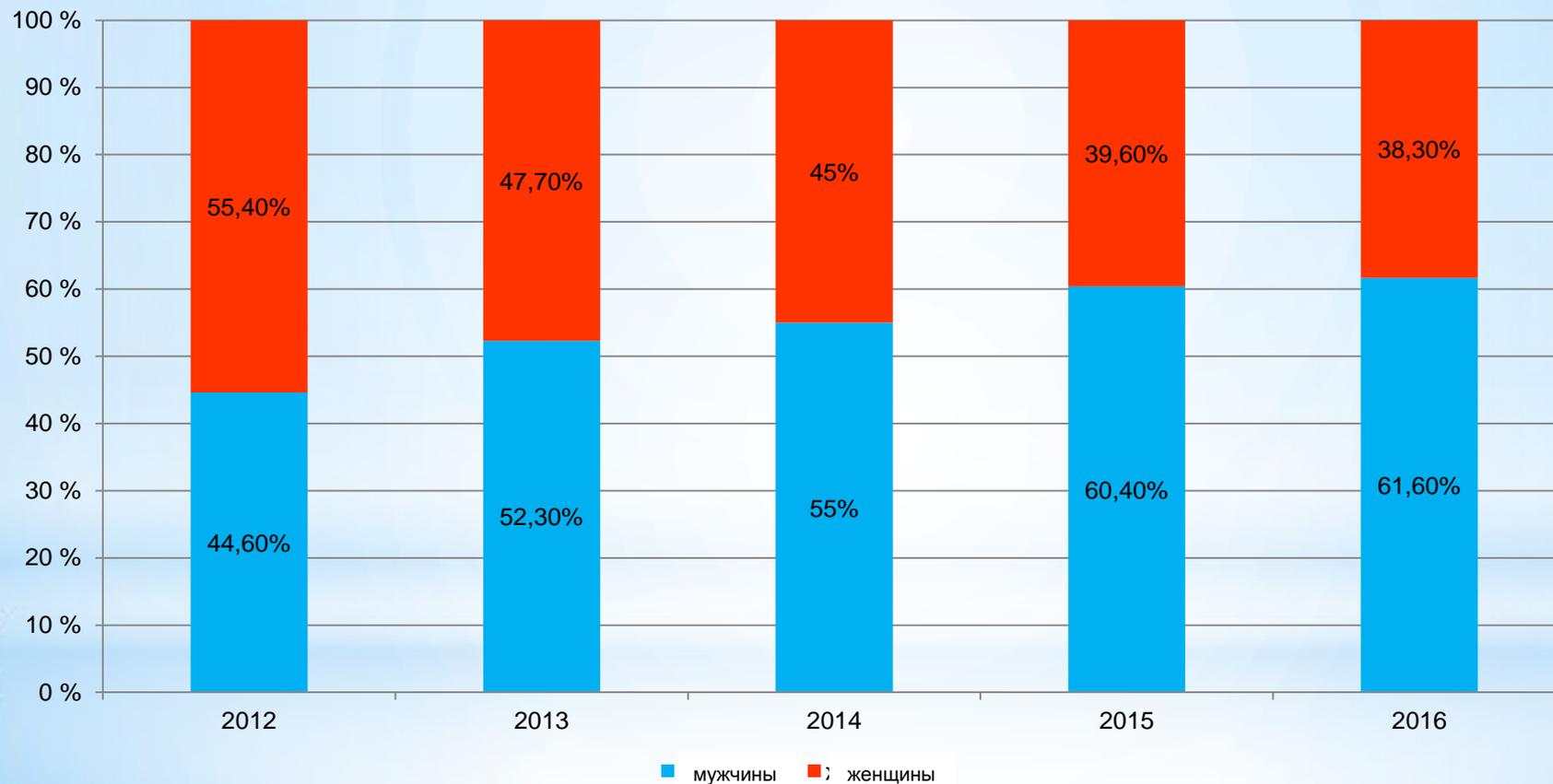
The infectionist communicates to the gynecologist information about the mode of ARVT, its effectiveness, tolerance, results of lab tests, gives recommendations regarding the method of delivery

* Follow-up of a pregnant HIV+ woman (cont.)

An HIV+ pregnant woman receives therapy and diagnostic care in the amount recommended by current guidelines, protocols and standards to medical care to PLWHs and pregnant women.

The Archangelsk Regional AIDS Centre delivers ARVT for the 2nd and 3rd stages of MTCT prevention to obstetric inpatient clinics, pursuant to the instructions of the Archangelsk Regional Ministry of Health. The instructions define the list of state healthcare organisations where ARVT can be delivered.

* Distribution of HIV cases by sex among residents of Archangelsk Region in 2012-2016



*** Frequency of HIV diagnosis in different examined groups in Archangelsk Region in 2010-2016 (per 1000 examined persons)**

code	group	2010	2011	2012	2013	2014	2015	2016
102	Drug users	5,15	13,33	15,75	9,9	11,8	43,3	87,4
104	STI patients	0,72	0,55	0,74	1,5	1,3	1,7	3,4
109	Pregnant women	0,21	0,15	0,22	0,21	0,3	1,4	0,7
108	Donors	0,04	0,06	0,07	0,04	0,05	0,03	0,04
112	Prisoners	2,51	4,87	4,97	4,07	3,16	11,0	13,2
113	Persons referred to examination due to clinical symptoms	0,37	0,32	0,55	0,51	0,8	1,4	2,2
120	Epidemiological investigations	42,86	66,18	44,39	61,17	42,7	30,9	49,2
103	MSM	-	-	14,71	50,0	-	90,9	62,5
118	Others	0,21	0,03	0,20	0,19	0,14	0,35	0,5
200	Foreigners	0,98	0,99	2,33	3,12	3,4	1,3	0,9
Frequency rate		0,38	0,42	0,49	0,52	0,6	1,0	1,5

*** Distribution of HIV cases among women by age in Archangelsk Region in 2016**

Age	%
0-14	1,7
15-18	3,5
19-20	5,6
21-30	43,7
31-40	34,5
41-50	9,2
51 and over	1,7

**Fertile-age women
(15-44) made up**

90,7%

Plan's target indicators

(Set of measures aimed at wider coverage with ARVT, prevention and early diagnosis of HIV)

Indicators	Plan 2016, %	Fact 2016, %	Plan 2017, %
Share of people on ARVT of those in follow-up care	60,0	51,6 (Russia-43,0%)	60,0
Share of people examined for viral load and Immune status out of those in follow-up care	80,5	75,0	81,0
Share of PLWHs with undetectable VL out of those on ARVT	74,0	72,0	74,5
Share of pregnant women in follow-up care and with undetectable VL on 34-36 week out of all HIV+ pregnant women on 34-36 week	82,4	88,9 (Russia-79,0%)	90,0

* Plan's target indicators

(Measures aimed at wider coverage with ARVT)

Indicators	Plan 2016, %	Fact 2016, %	Plan 2017, %
Share of children (0-17 yo) with HIV who receive ARVT out of all children (0-17 yo) with HIV	63,0	77,8	65,0
Share of children aged 0-3 yo with HIV and who receive ARVT out of all children aged 0-3 yo with HIV	100,0	100,0	100,0
Share of children (0-17 yo) with HIV and undetectable VL out of all children on ARVT	100,0	80,0	100,0

* Plan's target indicators (Measures aimed at MTCT reduction)

Indicators	Plan 2016, %	Fact 2016, %	Plan 2017, %
Coverage of HIV+ pregnant women with chemotherapy (I stage)	95,0	92,6 (Russia-92,0 %)	95,0
Coverage of HIV+ parturients with chemotherapy (II stage)	95,0	92,6 (Russia-94,6 %)	95,0
Coverage of newborns born to HIV+ women with chemotherapy (III stage)	100,0	100,0 (Russia-99,0 %)	100,0

*** Cases of MTCT in Archangelsk Region**

- * Under 3-stage chemotherapy – in 2,5 %**
- * Under incomplete chemotherapy – in 10,5 %**
- * Without chemotherapy – in 50,0 %**

* How HIV-related issues were tackled at the regional level in 2016

- **Inter-sectoral commission** on demographic development and public health of Archangelsk Region (11.10.2016)
- **Regional Anti-Drug Commission under Governor** of Archangelsk Region (24.11.2016)
- **Inter-sectoral Commission under Mayor** of Archangelsk City on prevention of drugs, alcoholism and substance use (06.12.2016)
- **Regional Sanitary Commission of the Rospotrebnadzor Agency** (29.09.2016)
- **Regional Meeting on HIV** for relevant specialists from healthcare organisations (13.10.2016)
- **Public Council** on patients' rights (14.12.2016)

Audit of the AIDS Centre by **Standing Commission on Social Issues of the President's Council** on civil society development and human rights (14-16.09.2016)

* Outcomes of the Plan's measures aimed at MTCT reduction

Accomplished	Not accomplished
HIV testing of pregnant women	HIV testing of pregnant women's sex partners
Coverage of HIV+ pregnant women with follow-up care	Coverage of HIV+ pregnant women with chemotherapy (1 st stage)
Coverage of newborns at risk of MTCT infection with chemotherapy (3 rd stage)	Coverage of HIV+ parturients with chemotherapy (2 nd stage)
Share of HIV+ children who receive ARVT (including children aged under 3)	Share of HIV+ children with undetectable VL
Share of HIV+ pregnant women with undetectable VL on week 34-36	Provision of children at risk of MTCT with formula feeding at full amount



Tasks for elimination of MTCT

- * Quality medical and social care to pregnant women with suspected or confirmed HIV diagnosis and to their children**
- * Continued medical education on MTCT prevention**
- * Monitoring of measures aimed at MTCT prevention**

Thank you for your attention!

