

## REPORT

### About the actions performed in framework of the 2-3<sup>rd</sup> stages of the project “Atlas”

The second stage of the project “Atlas” (Contract No.69 dated to July 25, 2007) included the analysis, the systematization and the statistical processing of the results of WBC measurements performed by the IRS “Belrad” from 2001 to 2007 in Vetka, Dobrush and Yelsk districts.

In accordance with the project the following actions were performed at the second stage of the work:

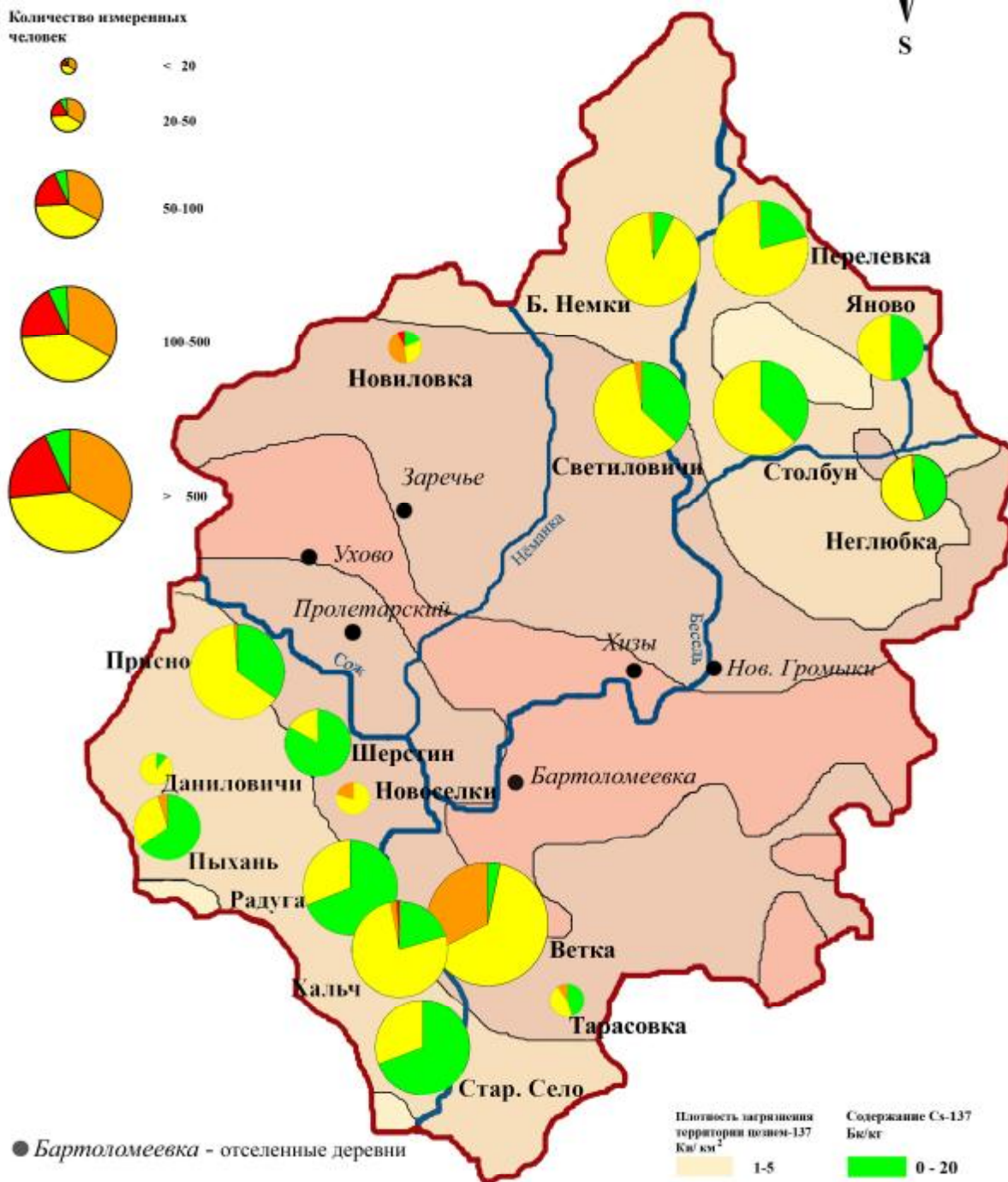
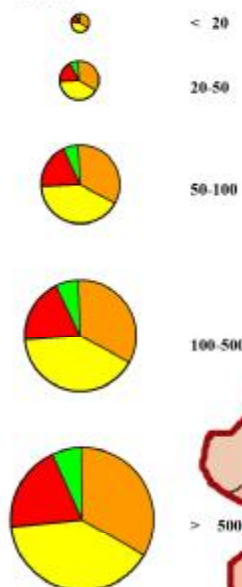
- there was performed the systematization of the results of measurements performed from 2001 to 2007.r. Dobrush, Vetka and Yelsk districts of Gomel region;
- there was performed the statistical processing of the results of WBC measurements performed from 2003 to 2005 in Dobrush district in the following settlements: Dobrush (gymnasia - 1715 measurements, secondary school No. 1 – 2883 measurements, secondary school No. 2 – 2862 measurements, secondary school No. 3 – 1269 measurements, secondary school No. 5 – 1295 measurements, city trade school No. 99 – 479 measurements), Dubovy Log – 59 measurements, Khoroshevka – 93 measurements. Total – **10 655** measurements;
- The statistical processing of the results of measurements made in 2002-2007 in Vetka district– settlements V. Nemki – 151 measurements Vetka, school № 1 – 2434 measurements, Vetka, school № 2 – 1617 measurements, Danilovichi – 42 measurements, Neglubka – 789 measurements, Novilovka – 39 measurements, Novoselki – 90 measurements Perelevka 119 measurements, Prismo – 111 measurements, Pihan’ – 140 measurements, Raduga – 124 measurements, Svetilovichi – 1433 measurements, Staroe Selo – 153 measurements, Stolbun – 164 measurements, Tarasovka – 31 measurements, Halch – 644 measurements, Sherstin – 213 measurements, Yanovo – 107 measurements; in total – **8 277** measurements;
- there was performed the statistical processing of the results of WBC measurements performed from 2001 to 2007 in Yelsk district in the following settlements: Bogutichi - 93 measurements, Valavsk – 3199 measurements, Dobryn – 211 measurements, Yelsk (secondary school No. 1 – 538 measurements, boarding school – 468 measurements), Zasinty – 269 measurements, Zashirye – 117 measurements, Kochishchi – 138 measurements, Krasny Pilshchik – 50 measurements, Podgalye – 207 measurements, Roza-Lyukseburg – 1712 measurements, Slovechno – 55 measurements. Total – **7 057** measurements;
- a total of processed results: **25 989** measurements;
- there were built the maps of <sup>137</sup>Caesium radionulides deposition in children in Yelsk and Vetka districts. The map of Dobrush district was not built because the quantity of settlements is not sufficient to prepare it.

# Ветковский район

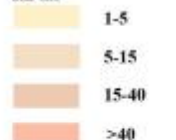
2007



Количество измеренных человек



Плотность загрязнения территории цезием-137  
Кв/км<sup>2</sup>



Содержание Cs-137  
Бк/кг

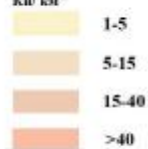


# Ельский район

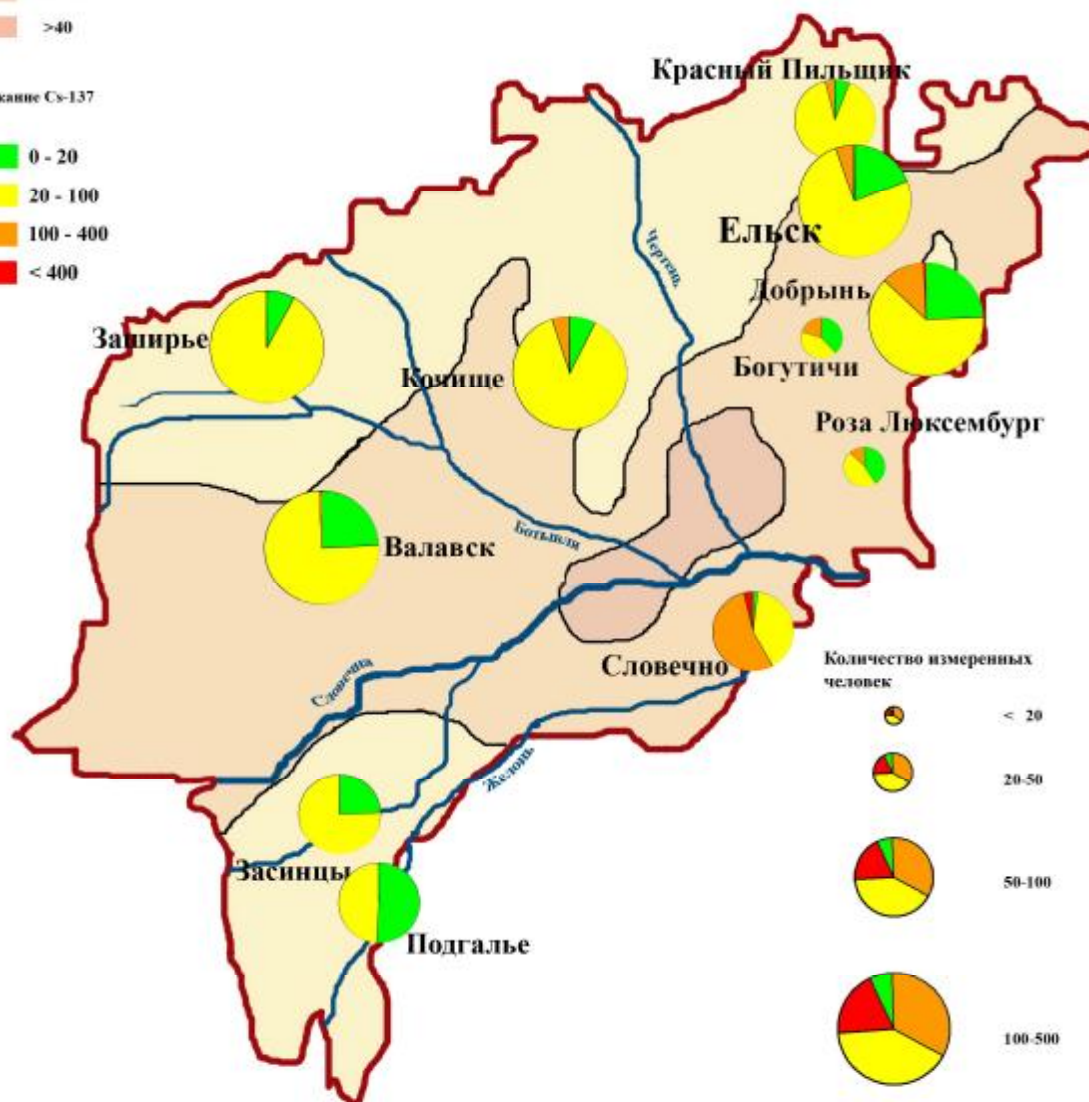
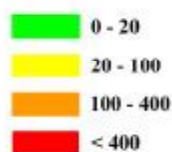
2007



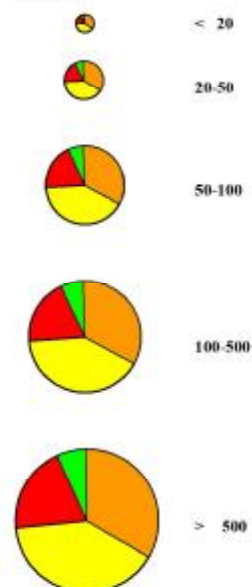
Плотность загрязнения территории цезием-137  
Ки/км<sup>2</sup>



Содержание Cs-137  
Бк/кг



Количество измеренных человек



The third stage of the project “Atlas” (Contract No.69 dated to July 25, 2007) included the analysis, the systematization and the statistical processing of the results of WBC measurements performed by the IRS “Belrad” from 2001 to 2007 in Zhitkovichi and Kalinkovichi of Gomel region.

In accordance with the project the following actions were performed at the third stage of the work:

- there was performed the systematization of the results of measurements performed from 2001 to 2007.r. Zhitkovichi and Kalinkovichi districts of Gomel region;

- there was performed the statistical processing of the results of WBC measurements performed from 2001 to 2003 in Zhitkovichi district in the following settlements: Bronislav – 82 measurements, Grebenevsky – 66 measurements, Grichinovichi – 91 measurements, Gryada – 185 measurements, Zhitkovichi (boarding school – 1254 measurements), KOlno – 304 measurements, Ozerany – 53 measurements, Pogost – 166 measurements, Yurkevichi – 1007 measurements. Total - **3 208** measurements;

- there was performed the statistical processing of the results of WBC measurements performed from 2001 to 2007 in Kalinkovichi district in the following settlement: Beryosovka – 764 measurements, Boborovichi – 710 measurements, Bulavki – 60 measurements, Velikiye Avtyuki – 251 measurements, Gorbovichi, Turtsevichi – 265 measurements, Goroichichi – 241 measurements, Davydovka – 65 measurements, Kalinkovichi (secondary school No. 1 – 2246 measurements, secondary school No. 2 – 1034 measurements, secondary school No. 3 – 659 measurements, secondary school No. 4 – 650 measurements, secondary school No. 5 – 473 measurements, secondary school No. 6 – 1048 measurements, secondary school No. 7 – 916 measurements, secondary school No. 8 – 1133 measurements, secondary school No. 9 – 1023 measurements, kindergarten No. 12 – 117 measurements, kindergarten No. 16 - 189 measurements, city trade school No. 184 – 683 measurements, Polesye agricultural technical school– 1434 measurements), Malye Avtyuki – 452 measurements, Mironenki – 209 measurements, Mikhnovichi – 133 measurements, Novaya Antonovka – 454 measurements, Ogorodniki – 702 measurements, Prudok – 24 measurements, Ubolt – 46 measurements, Yurovichi – 1170 measurements. Total – **17 151** measurements;

- a total of processed results: **20 359** measurements;

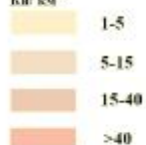
- there were built the maps of <sup>137</sup>Caesium radionulides deposition in children in Zhitkovichi and Kalinkovichi districts.

# Житковичский район

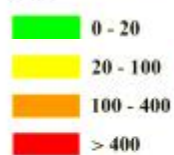
2007



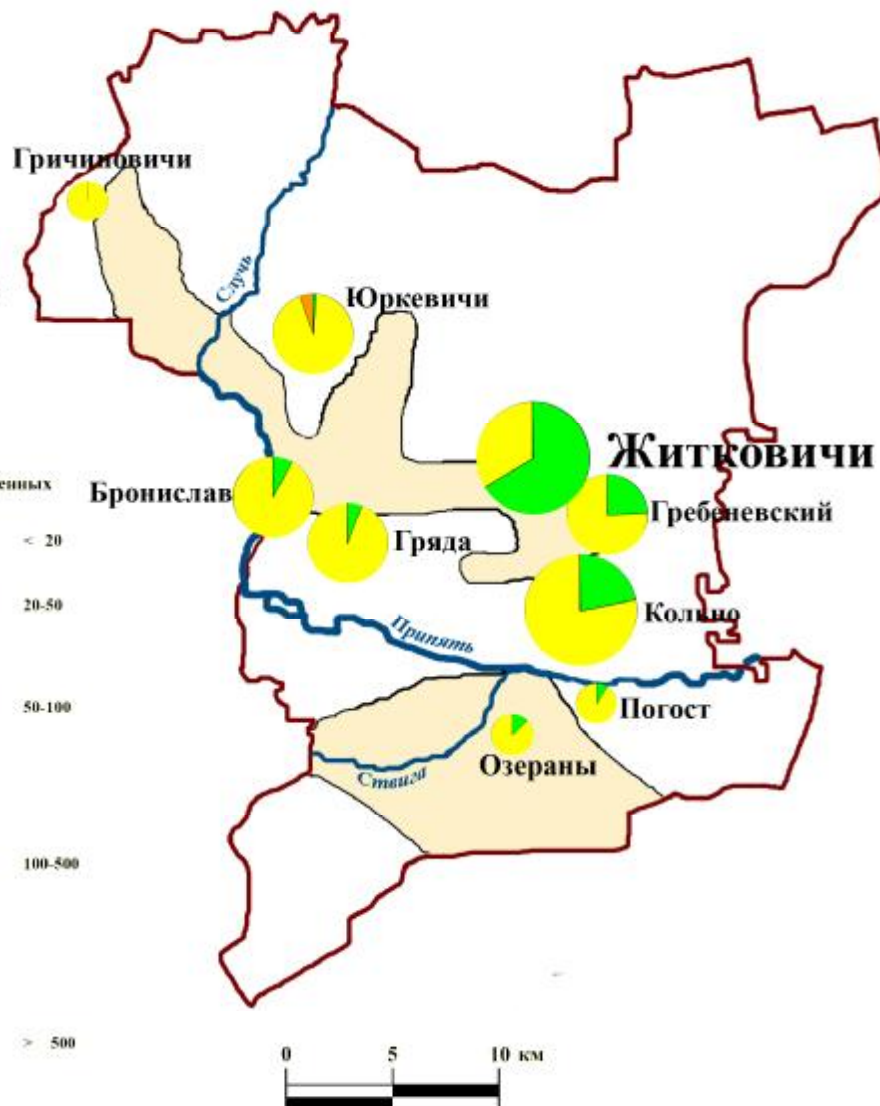
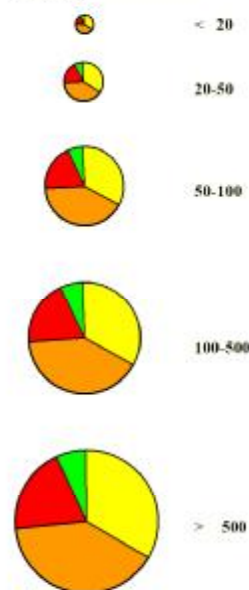
Плотность загрязнения территории цезием-137  
Ки/км<sup>2</sup>



Содержание Cs-137  
Бк/кг



Количество измеренных человек

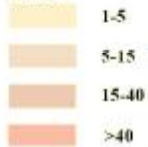


# Калинковичский район

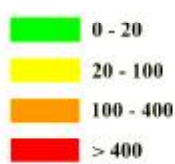
2007



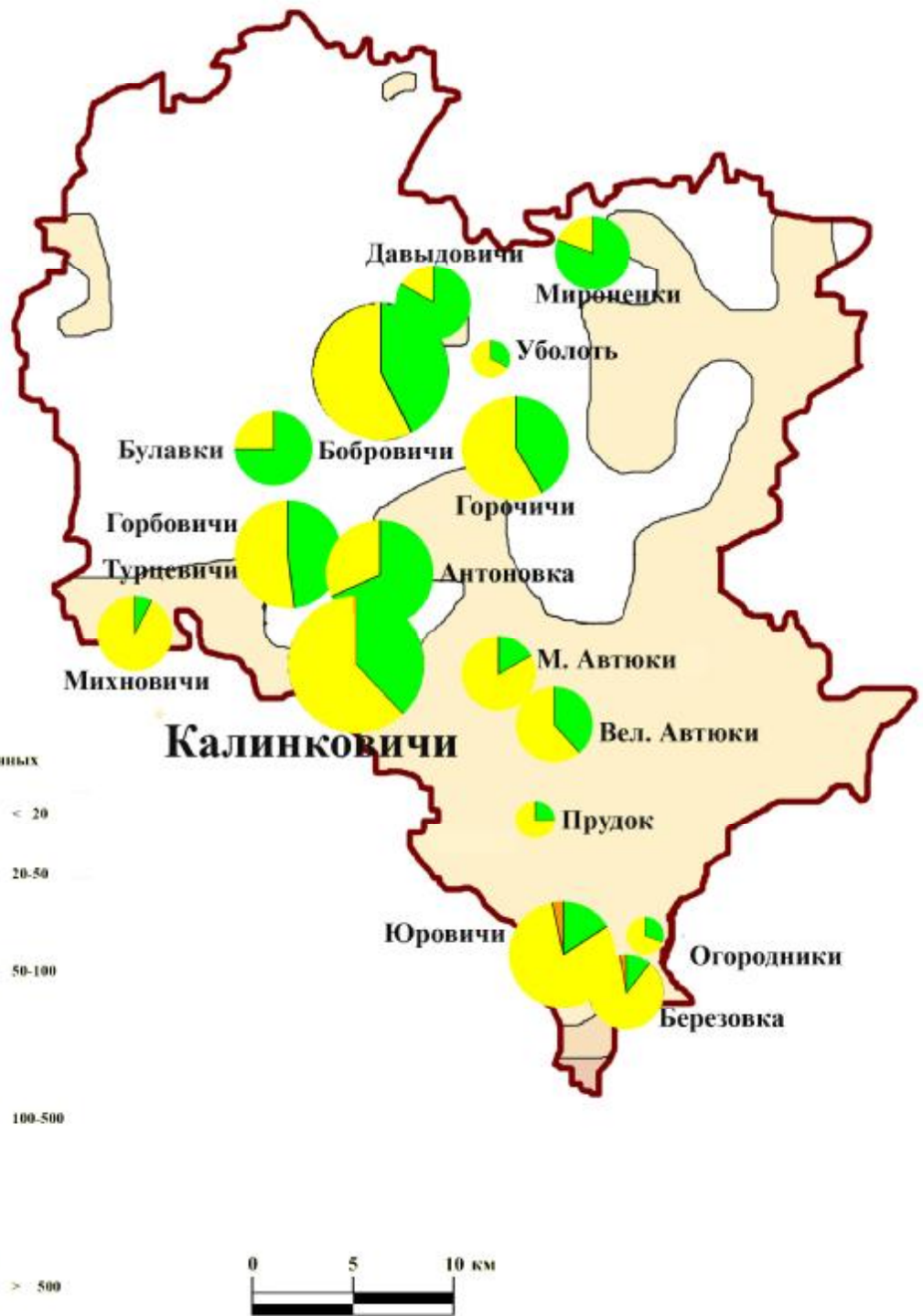
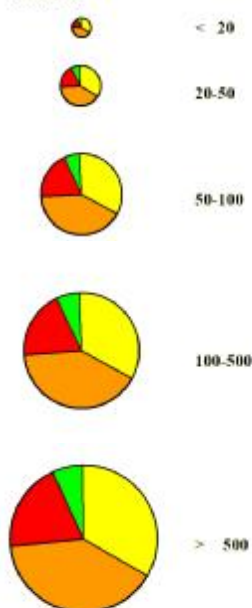
Плотность загрязнения территории цезием-137  
Ки/км<sup>2</sup>



Содержание Cs-137  
Бк/кг



Количество измеренных человек



A total of the results of measurements processed under three stages: 46 348.