

MDR TUBERCULOSIS AMONG CHILDREN IN ARMENIA

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NATIONAL TB CONTROL PROGRAMME IN ARMENIA, 2007-2015

GOAL:

**Improving the epidemiological
situation of TB in the country by reducing TB mortality and
morbidity, as well as ...
prevention of drug
resistance.**

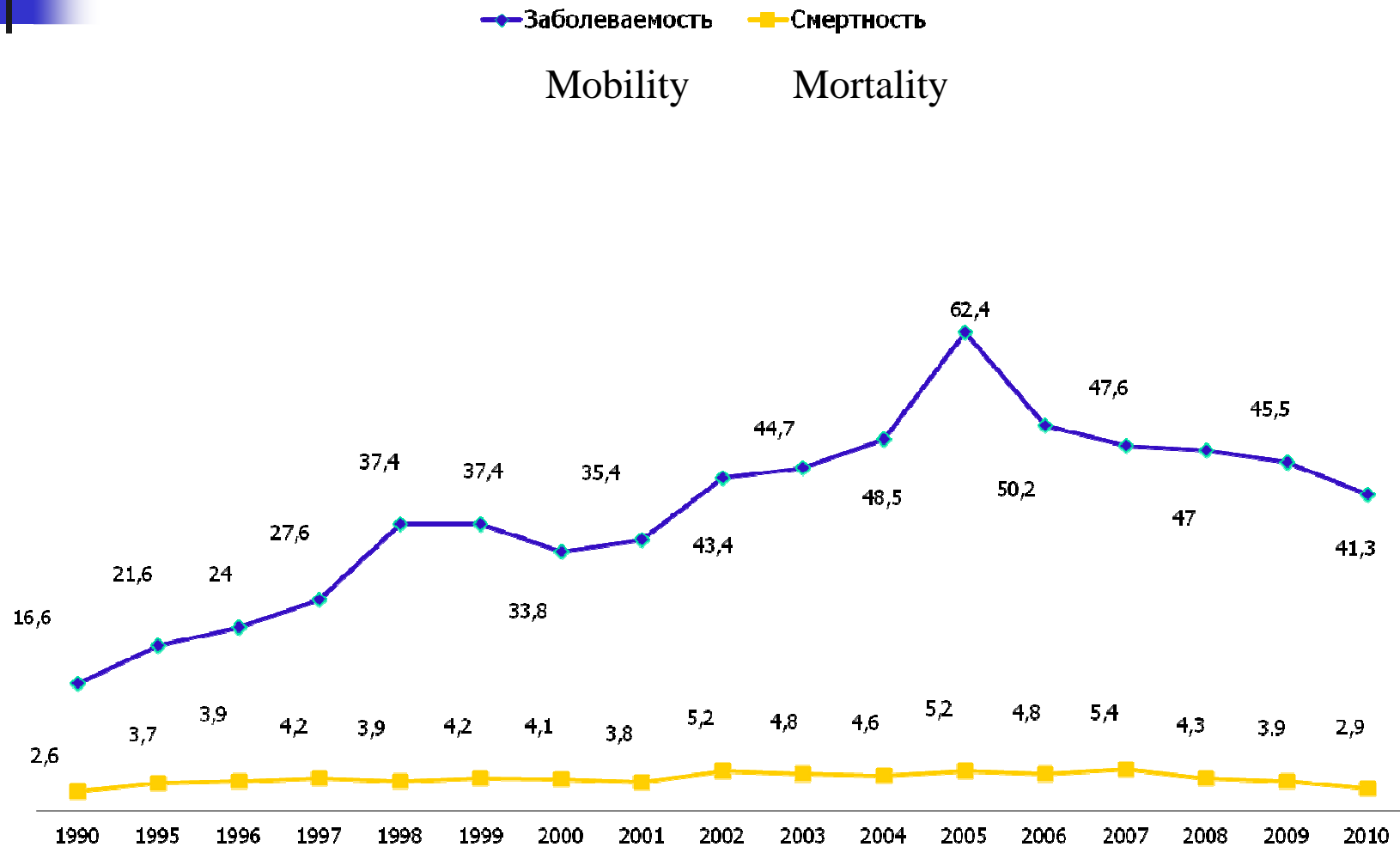


NATIONAL TB CONTROL PROGRAMME IN ARMENIA, 2007-2015

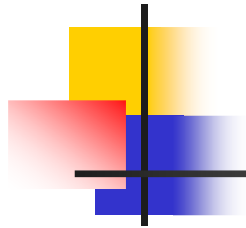
OBGECTIVES:

- Increased state support towards TB control;
- Strengthening of all components of the DOTS strategy;
- The introduction and expansion of drug resistant TB treatment;
- Integration of antituberculosis aid into PHC;
- Provision of preventive measures in foci of TB;
- Measures to control TB in prisons, the army and in other structures;
- Strengthening health education;
- Training of human resources to ensure TB control at all levels of the health system.

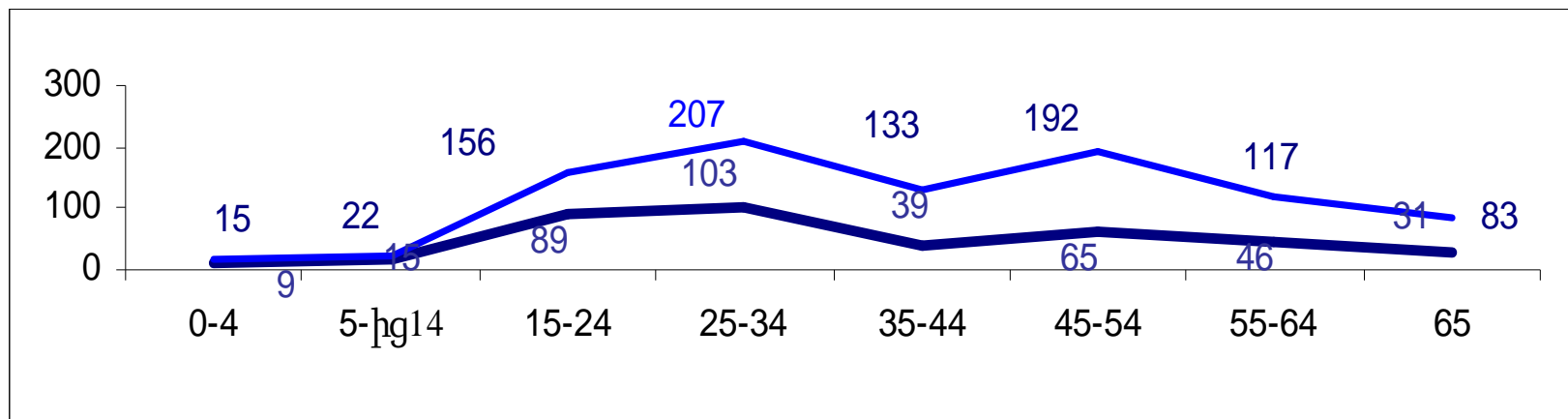
TB EPIDEMIOLOGY IN ARMENIA



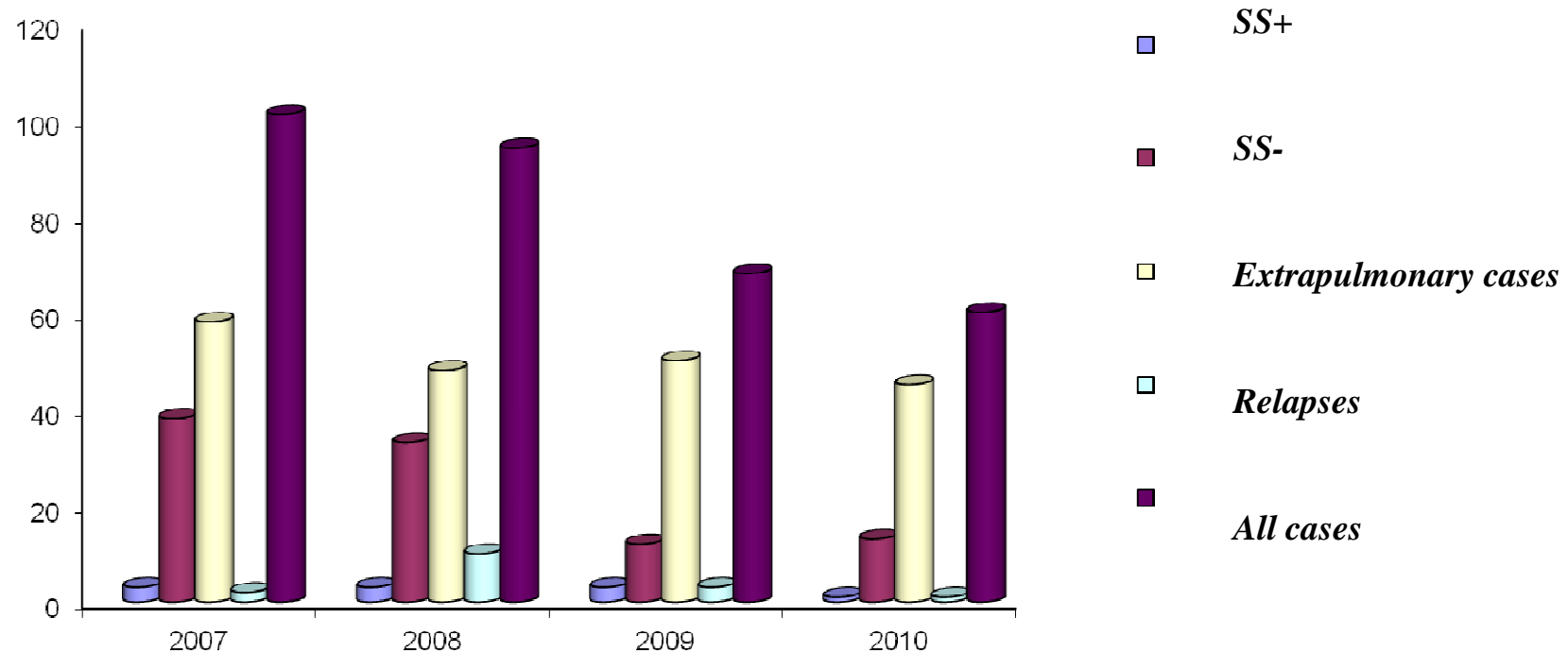
**TB IN ARMENIA:
DISTRIBUTION BY AGE AND SEX
2010**



M
F

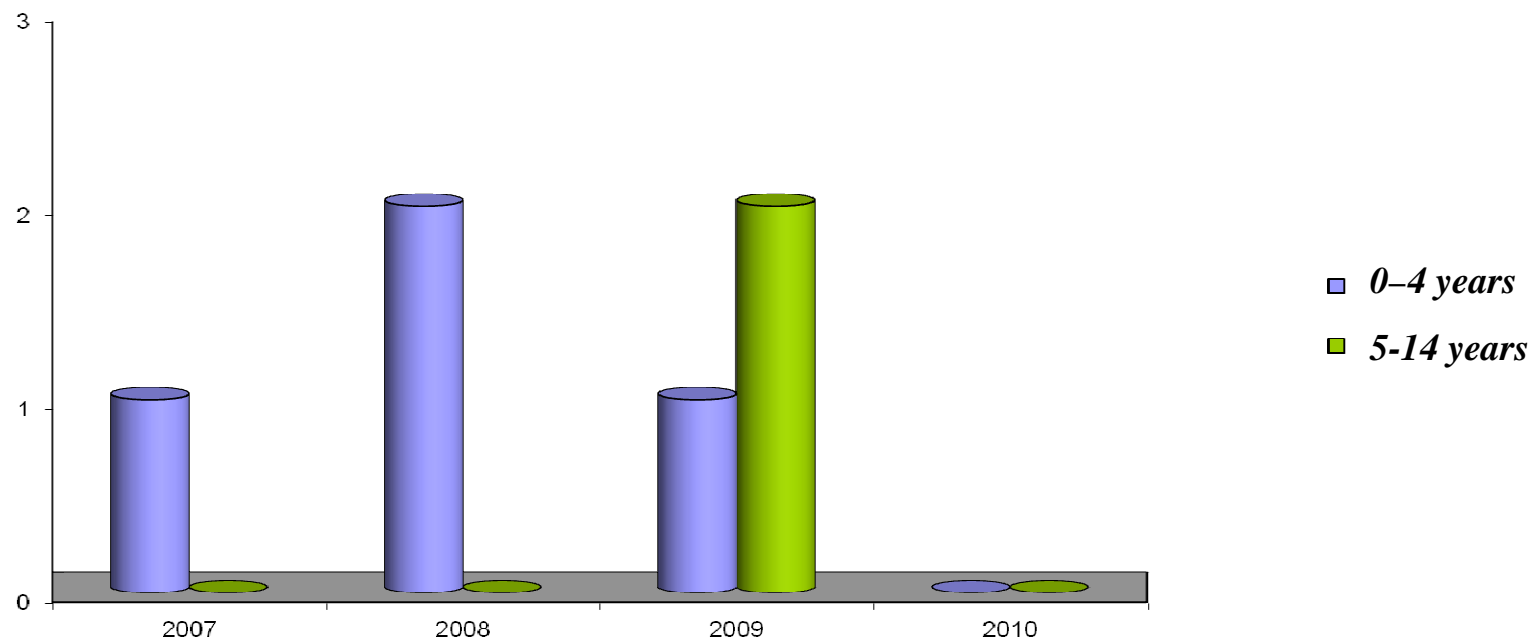


NEW TB CASES AND RELAPSES AMONG CHILDREN IN AGE GROUP 0-14, 2007 - 2011

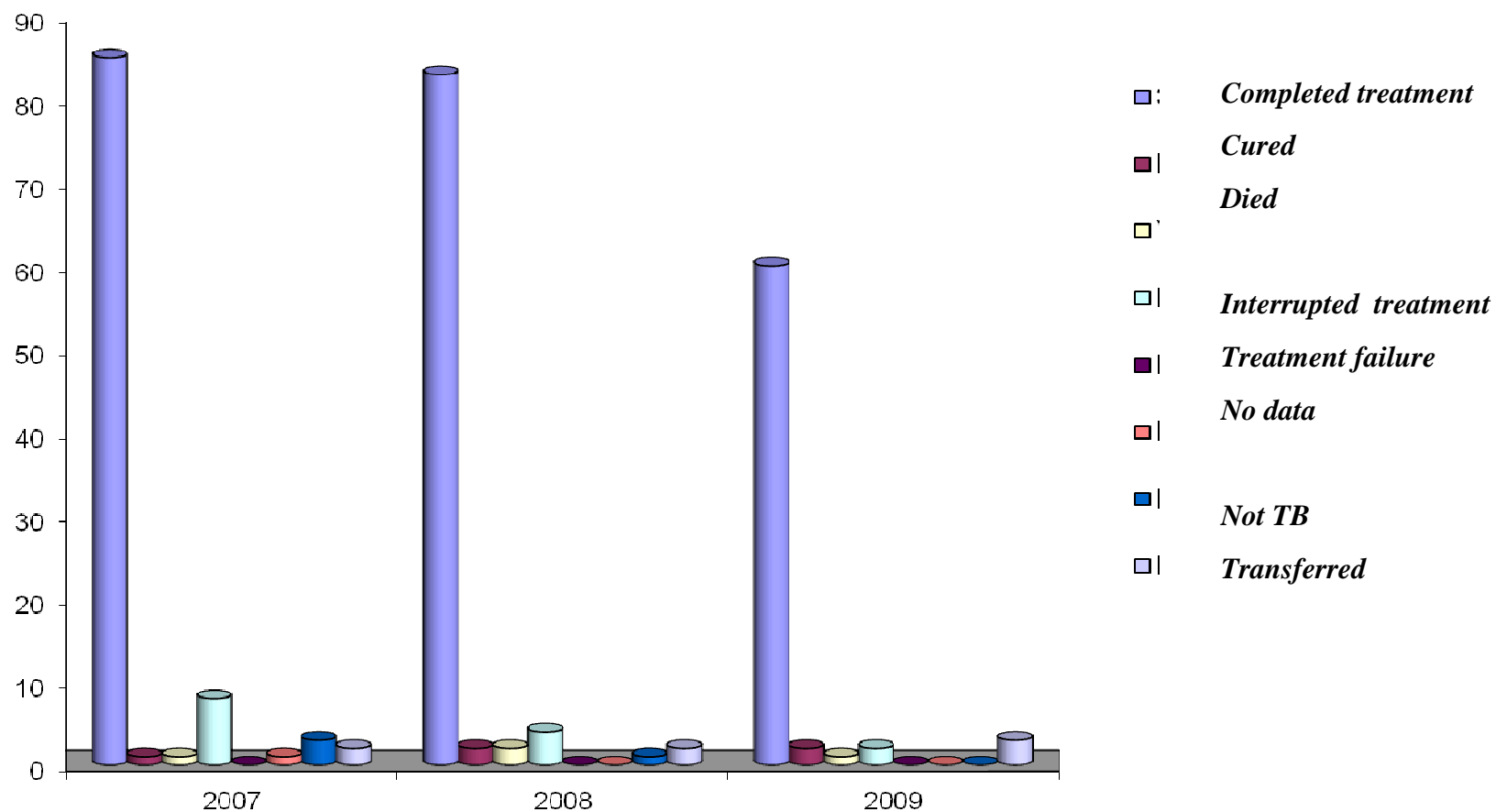


CHILDREN OF 0 - 14 YEARS, WHO WERE DIAGNOSED WITH MENINGITIS OR MENINGOENCEPHALITIS,

2007-2010



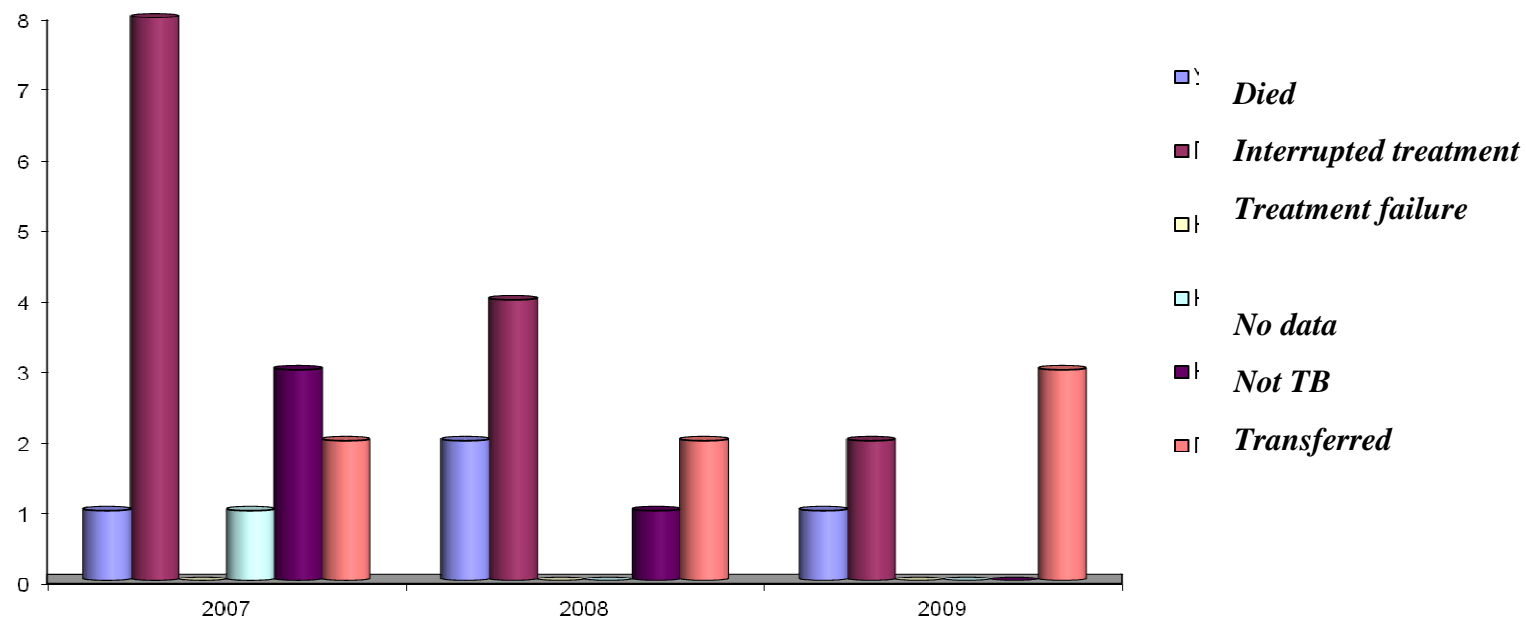
TREATMENT OUTCOMES FOR CASES AMONG CHILDREN AGED 0 - 14 YEARS, 2007 - 2009



TREATMENT OUTCOMES IN CHILDREN

AGES 0 - 14 YEARS,

2007 - 2009





FACTORS THAT INFLUENCE MDR-TB DEVELOPMENT IN ARMENIA AND THEIR CHANGES

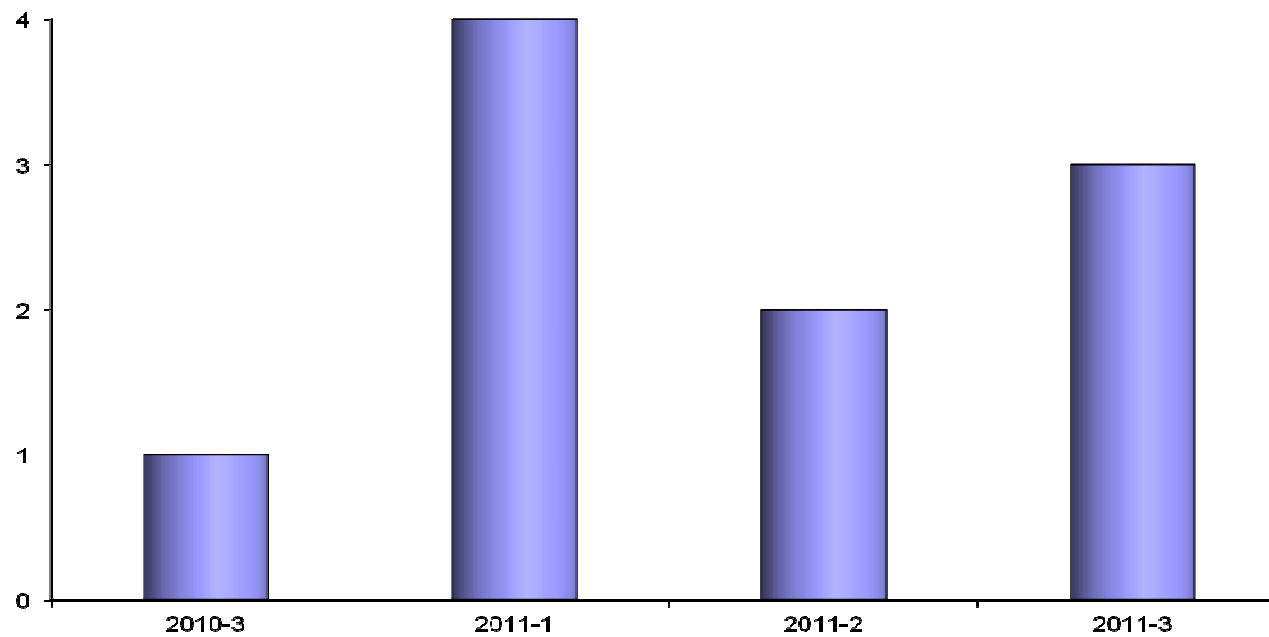
- The general economic crisis, accompanied by unemployment, poverty, etc.
- Financial and economic status of the health care (dynamics);
- Provision of medicines and wrong treatment regimens (Dynamics - GP, MSF, WHO);
- Mass labor migration;
- Lack of awareness of the population (the new strategy of ACSM - Advocacy Communication and Social Mobilization);
- Strengthening the Direct Observation Treatment (now the controlled medical treatment);
- Free sale of TB drugs in the pharmacy network (WHO mission. Changes in the law !!!).

Mentioned factors have led to an increase not only TB, but MDR-TB.

MDR TB IN ARMENIA

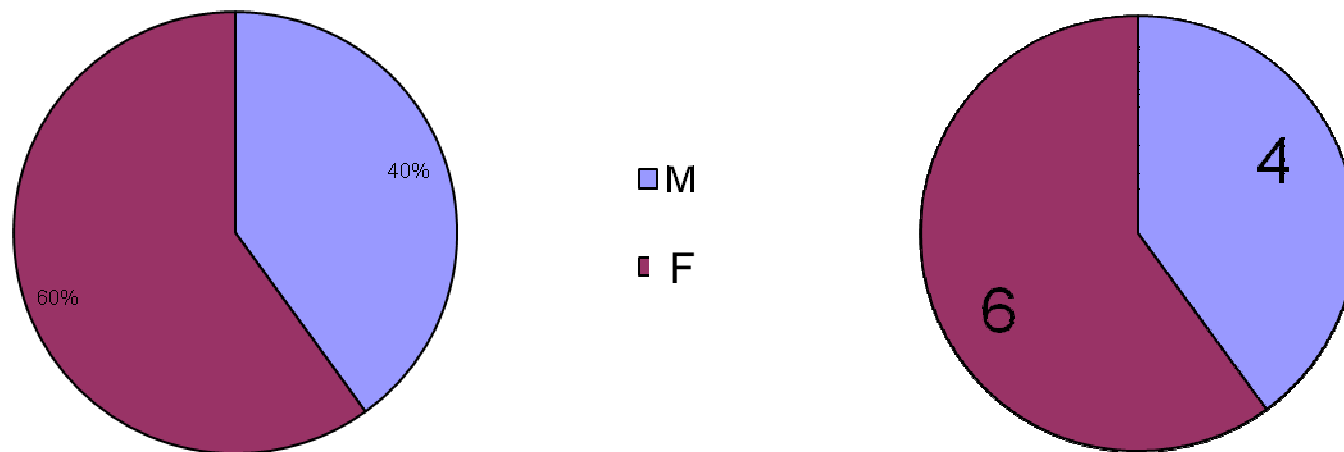
Year	2004	2005	2006	2007	2008	2009	2010
Of all examined cases, MDR TB	Examined 632 cases, of them 157 (24.8%)	Examined 758 cases, of them 162 (21.4%)	Examined 870 cases, of them 215 (24.7%)	Examined 642 cases, of them 125 (19.5%)	Examined 607 cases, of them 128 (21.2%)	Examined 679 cases, of them 156 (23%)	Examined 691 cases, of them 177 (25.6%)
OF all new TB cases, MDR TB	464 cases, of them 79 (17%)	576 cases, of them 86(14.9%)	524 cases, of them 65 (12.4%)	429 cases, of them 50 (11.7%)	417 cases, of them 60(14.4%)-	480 cases, of them 80 (16.7%)	471 cases, of them 59(12.5%)
Of all TB relapses, MDR TB	168 cases, of them 78 (46.4%)	182 cases, of them 76 (41.8%)	346 cases, of them 150 (43.4%)	213 cases, of them 75 (35.2%)	190 cases, of them 68 (35.8%)	199 cases, of them 76 (38.2%)	220 cases, of them 118 (53.6%)

THE NUMBER OF CHILDREN STARTED MDR-TB TREATMENT(by quarters)





DISTRIBUTION OF MDR-TB CASES BY SEX IN CHILDREN AGED 0-14 YEARS



THE NUMBER OF MDR-TB CASES

IN CHILDREN AGE 0-14 years



MSF

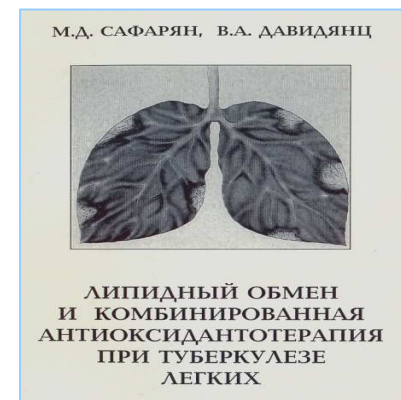
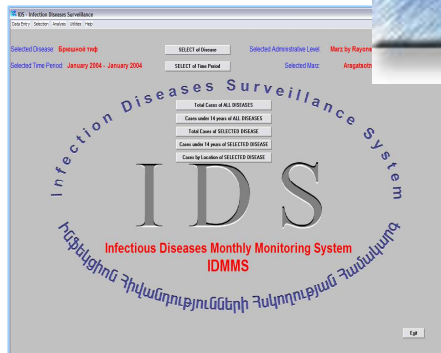
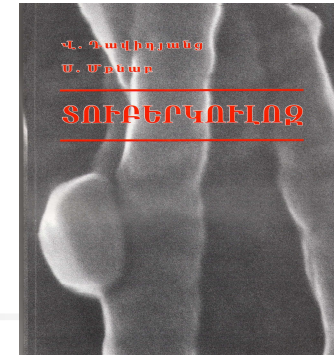
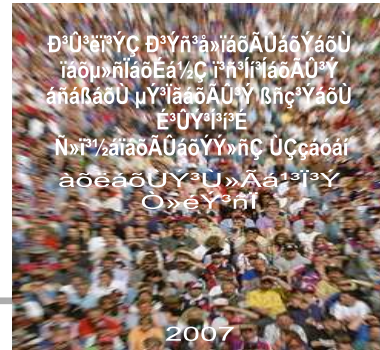
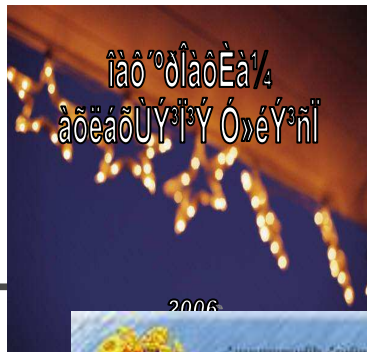
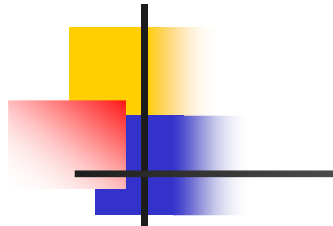
- 4 новых случая (контакт ЛУ ТБ)

4 new cases (contacts)

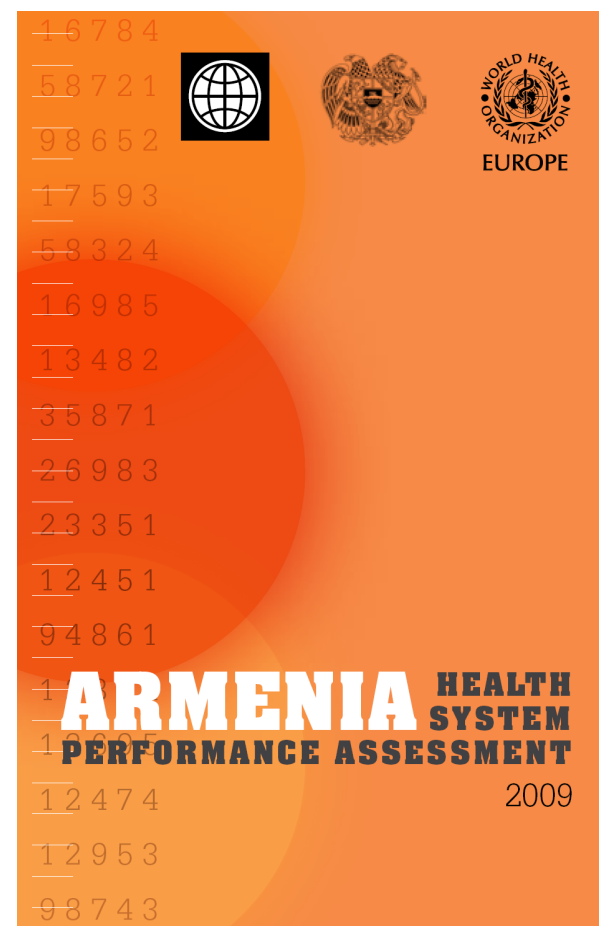
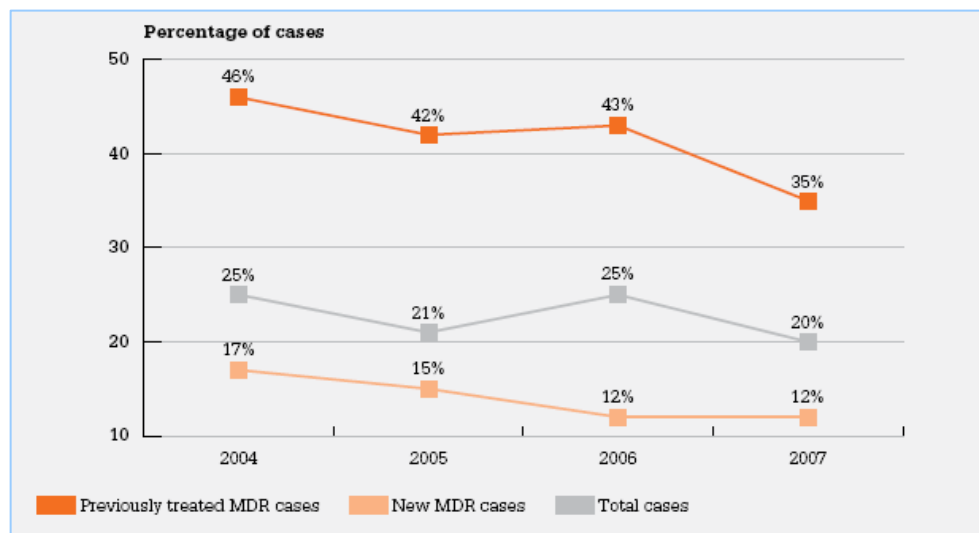
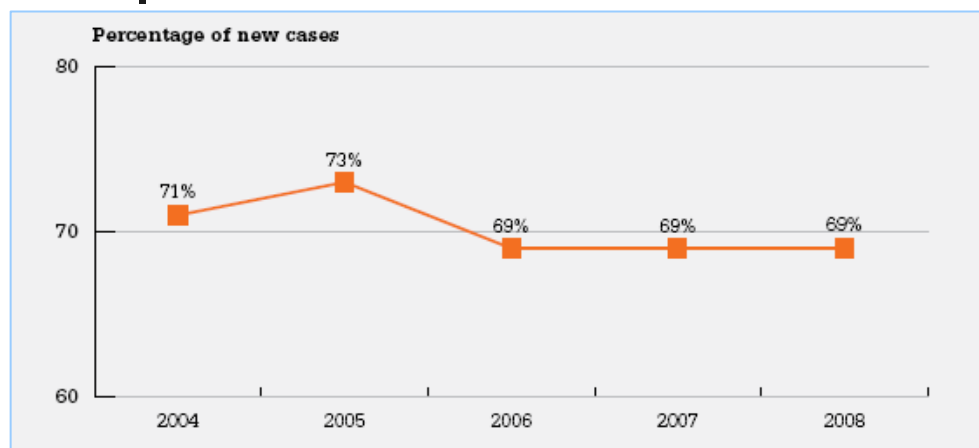
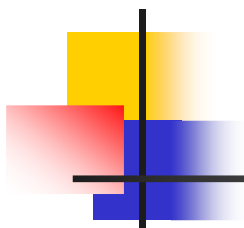
NTP

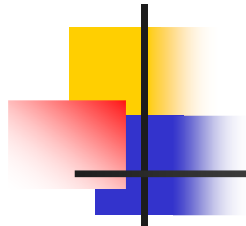
- 6 случаев, 4 новых случая (контакт ЛУ ТБ), 2 повторных случая, получавшие лечение лекарствами первого ряда

6 cases, 4 contacts, 2 relaps



ОЦЕНКА ДЕЯТЕЛЬНОСТИ СИСТЕМЫ ЗДРАВООХРАНЕНИЯ





THANK YOU FOR ATTENTION