# CZECH REPUBLIC
# STATISTICS OF ACTIVE PROTECTION
# TO PASSIVE FIRE RESISTANCE

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Fire Rescue Service of the Czech Republic

# Fire Rescue Service of Czech Republic

- Statistics measurement are implemented by FRS CR

- Established in 2001

- Provides Preparation for Emergency Situations

- Organisation of FRS: Director General of FRS, 14 Regional Directorates of FRS, Emergency Unit of FRS CR, Schools, Specialized Establishments

# Statistics of Fires in Czech Republic

- Statistics have been prepared since 1998

*Which data are monitored?*

- 35 parameters is observed

- **Object Type**, **Type of Flammable Substances** and Fire Extinguishing Mediums, Causes of Fire, Negative Effects on the Onset and Spread of Fire, **Degree of Demage of Buildings**, **Functionality of the Active Fire Protection** and Method of Disposal of Fire

# Statistics of Fires in Czech Republic

- *Statistical Yearbooks of FRS CR*

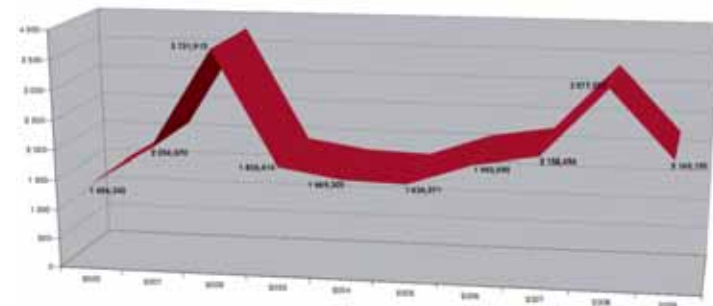Published Every Year since 1998

Evaluated Data in Tables and Graphs

Free Download:

In English: (2003 - 2008)

http://www.hzscr.cz/clanek/statistical-yearbooks.aspx

In Czech:

http://www.hzscr.cz/clanek/statisticke-rocenky-hasicskeho-zachranneho-sboru-cr.aspx

# Foreign Statistical Data

International Association of Fire and Rescue Service (CTIF)

- International Information Network

- Comprehensive World Fire Statistics

- Data on Fire Issues from 80 Countries and 90 Capitals

- Free Download of Annual Reports:

  http://www.ctif.org/Introduction,25

# Summary

*Why are those Statistics Important?*

- Prevention of Fires

- Safer Fire Fighting

- Improvement to Fire Standards and Regulations

*Importance of International Cooperation*

- Larger Number of Input Data

- Using Experience and Knowledge from Other States

=> Reduce the Number of Victims, Financial Looses and Demage of Estate

# Discussion

Topic for Discussion:

- Unification of Monitored Data for Evaluation of Real Fires for Extension Number of Input Data (Probabilistic Analysis)

- Behaviour of Structure, which is Cooled by Wather during Fire Attack

# Thank you for your attention

www.ocel-drevo.fsv.cvut.cz

www.hzscr.cz

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