



10th Evaluation Conference in Prague

**What is (not) going well
in evaluations and why?**

**10 Years of Experience in Evaluation
at Ministry of Education**

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DEVELOPMENT CZ



EVALUATION
UNIT NCA

Evaluator should be...

- Expert in the evaluated field
- Expert in evaluation methods and techniques
- Independent and objective
- Ethical and professional
- Expert, researcher, analyst, facilitator, psychologist, sociologist, marketer, popularizer, manager.....

10 Years of the Evaluation Unit at the Managing Authority of the Ministry of Education, Youth and Sports

- Higher expertise of the in-house evaluators
 - » Specialization
 - » Substitutability
 - » Career development
- Increased cooperation with monitoring and intervention designers
 - » Better availability of necessary data
 - » Higher stakeholders involvement in evaluation
 - » Use of evaluation in evidence-based policy

10 Years of the Evaluation Unit at the Managing Authority of the Ministry of Education, Youth and Sports

2007-2015

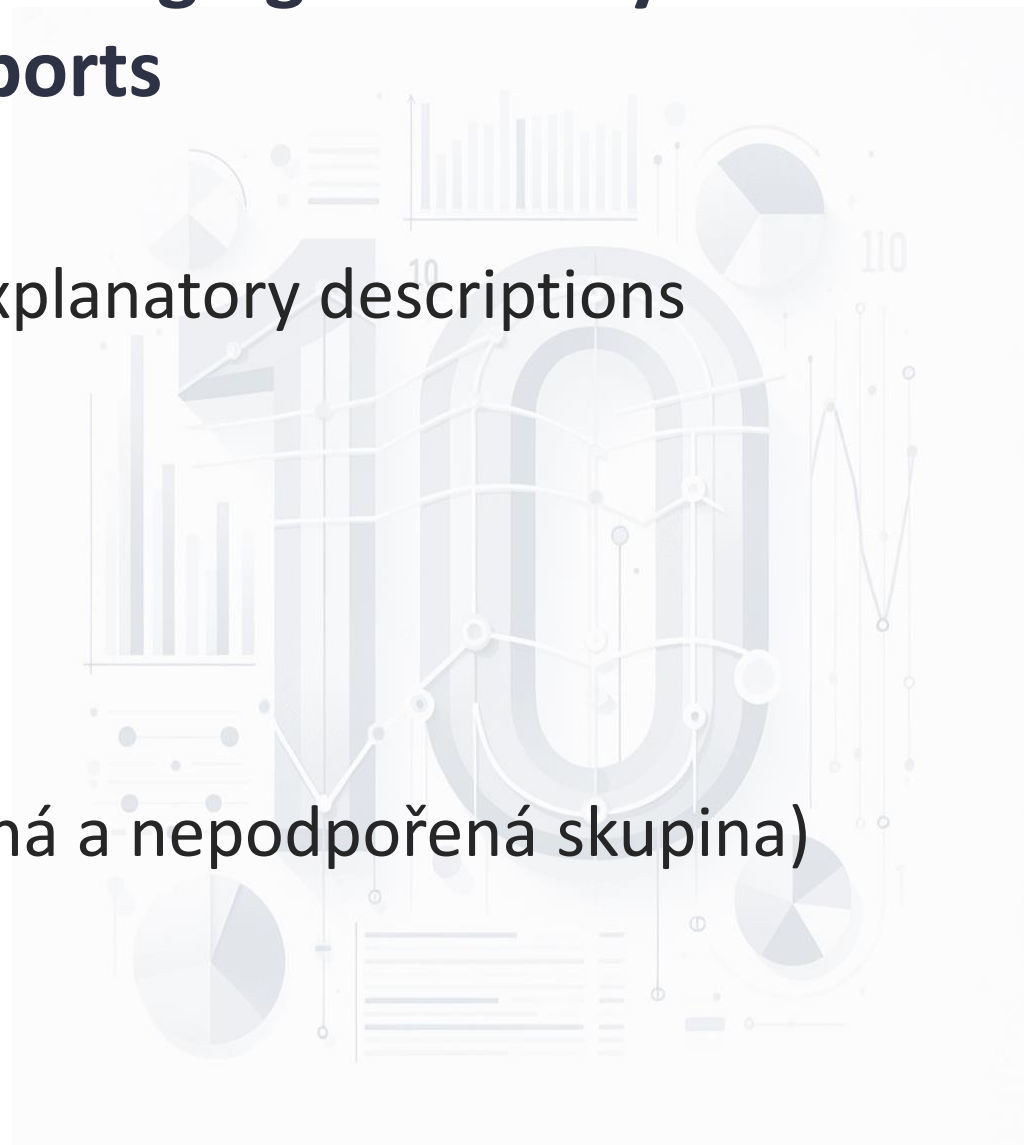
- 3+1.5 FTEs (research and development + education)
- >50 evaluation outputs
- 0% workload dedicated to in-house evaluations
- Significantly larger budget
- Greater opportunities for professional development

2015-2024

- 5 evaluators, 5 for monitoring and analyses
- >100 evaluation outputs
- >50% workload dedicated to internal evaluations and analyses
- Stagnant budget
- Lower investment in human capital

10 Years of the Evaluation Unit at the Managing Authority of the Ministry of Education, Youth and Sports

- Higher share of the in-house evaluation
- Higher share of monitoring reports with explanatory descriptions
- Greater volumes of data
 - » Higher emphasis on data protection
- More sophisticated evaluation methods
 - » Longitudinal studies
 - » Studies using control groups (podpořená a nepodpořená skupina)
 - » Ethnographic studies

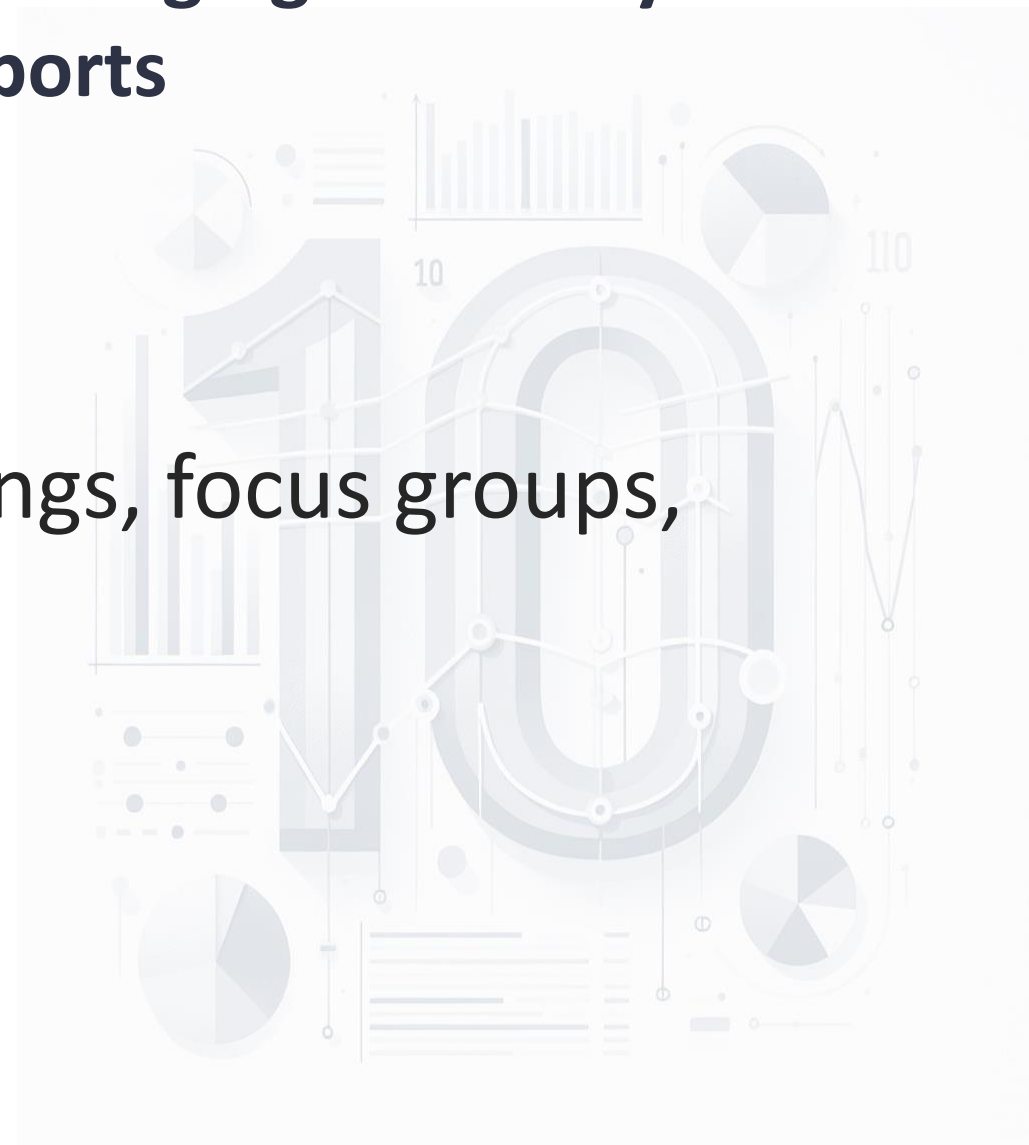


10 Years of the Evaluation Unit at the Managing Authority of the Ministry of Education, Youth and Sports

- Development of internal survey systems (CE LimeSurvey, custom plugins), data on internal servers instead of third-party services
- Since 2015, 199 survey solutions created, >60,000 respondents
- AB testing, metadata processing, experiments to increase response rate
- Use of counterfactual methods (propensity score matching), effort to create control groups
- Cooperation with academia
- Development of standardized measurement tools, data analysis, data sharing for research
- Biannual cycles of panel studies (4x kindergartens, 3x elementary schools, 3x high schools)

10 Years of the Evaluation Unit at the Managing Authority of the Ministry of Education, Youth and Sports

- Digitalization
 - » Online surveys, meetings
 - » Automated transcripts (meetings, focus groups, interviews)
 - » Digital outputs
 - » AI applications



Before



Now



Evaluations

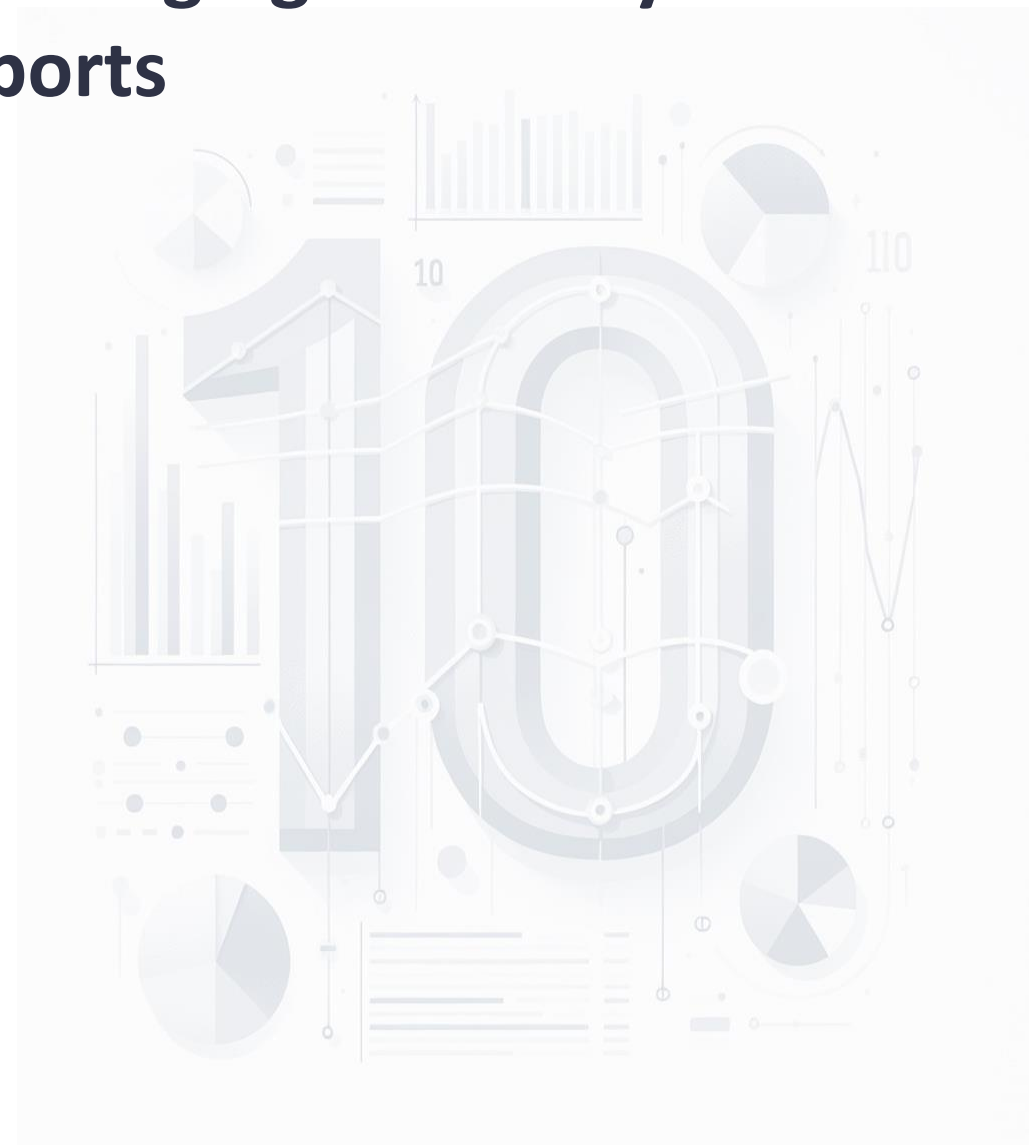
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10 Years of the Evaluation Unit at the Managing Authority of the Ministry of Education, Youth and Sports

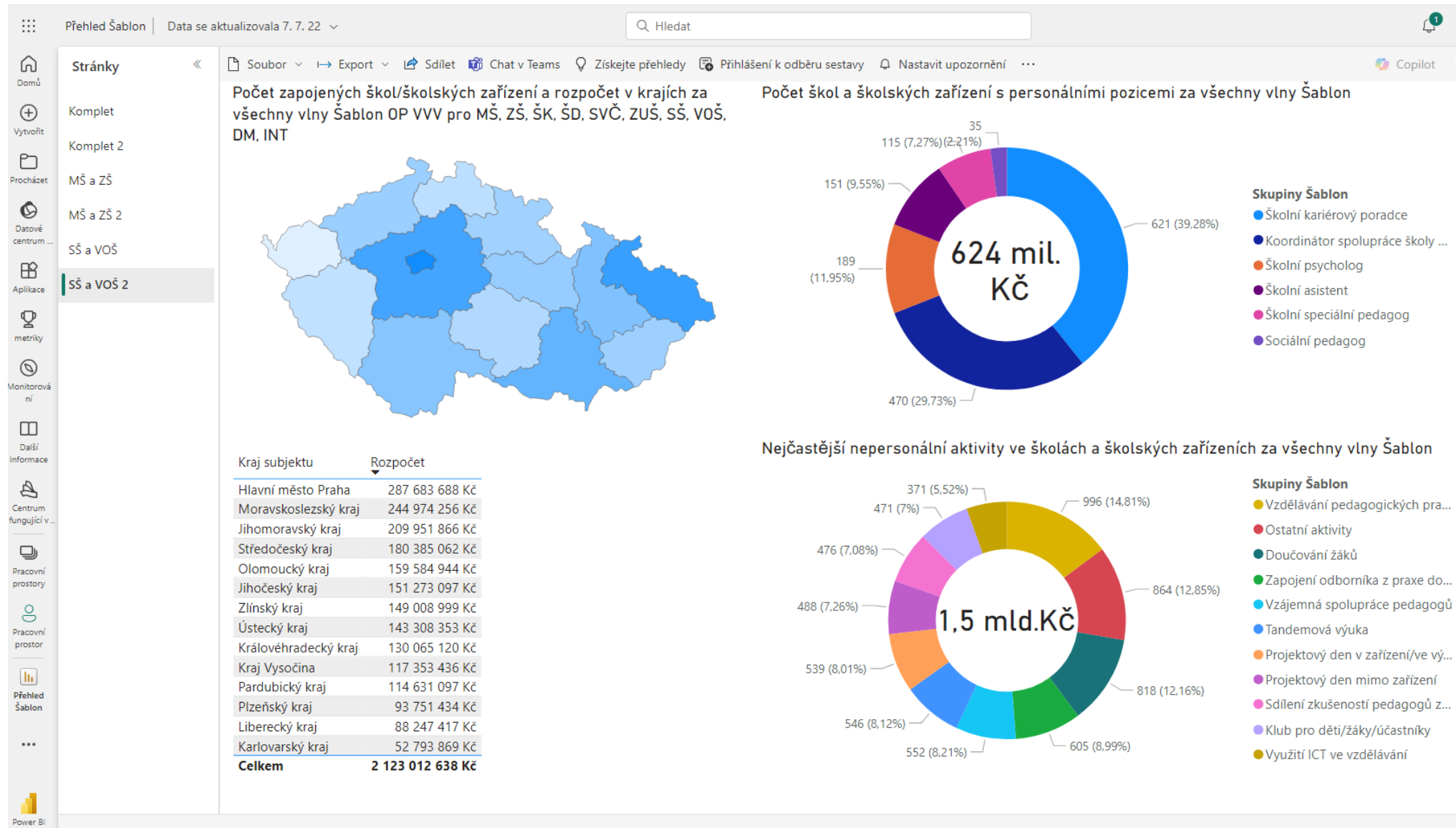
- Use of AI in evaluation
 - » Transcription (Transcriptor, MS package) and summarization (Copilot, Gemini, ChatGPT)
 - » OCR and automated comparison of large volume of documents (Copilot, Gemini, ChatGPT)
 - » Operationalization for surveys, adapting questions to various target groups (Copilot, Gemini, ChatGPT)
 - » Scripts for analysis and programming (ChatGPT)
 - » Literature review, help with the theory of change, verification of the intervention logic (Scite, Elicit)

10 Years of the Evaluation Unit at the Managing Authority of the Ministry of Education, Youth and Sports

- Shorter evaluation reports
 - » Infographics
 - » Interactive visualizations
 - » Geodata in maps



Dashboards





Definitely + Rather agree

Children's relationship to school

"I like going to school"



Simple presentations
+
Raw data for further
analyses



Boys
54 %



Girls
63 %



6-8 years
76 %



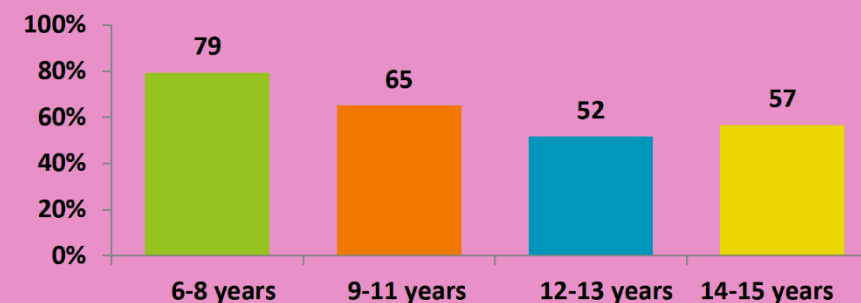
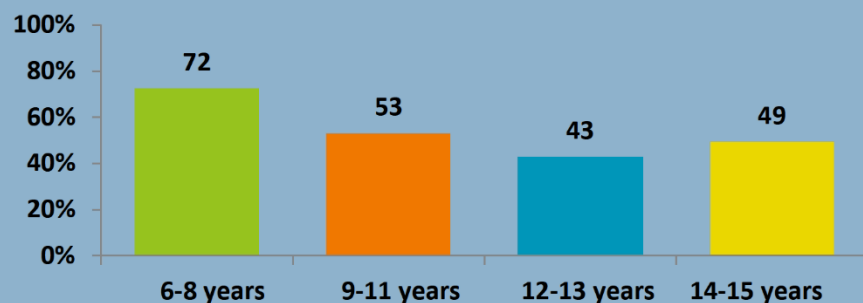
9-11 years
59 %



12-13 years
47 %



14-15 years
53 %



Question: To what extent do you agree with the following statements? - I enjoy going to school. (Scale: 1 - Definitely disagree 4 - definitely agree)

Base: Census, N=1504

10 Years of the Evaluation Unit at the Managing Authority of the Ministry of Education, Youth and Sports

- Inspiration for various national grant programs of the Ministry of Education
- Awareness of data-based policy
- Respect



Trends

- Kontrafactual impact evaluation
 - » Academic state fo the art level of research
 - » Integration of public registries, administrative data, interventions tailored for evaluation and evidence-based
- Agile research for formative evaluations
 - » Platforms for respondent communities enabling real-time feedback



**Thank you for your
attention**

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