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FOUNDATION
for CIVIL ENGINEERING DEVELOPMENT

Traffic accidents and administration of justice

International
Seminar

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Jan Unarski
Institute of forensic Science



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Courts and prosecutor offices activity in statistics

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Two types of case qualification:

petty offence: 22 art. (art.84-103) – petty offences code

penalty: proceedings of police penal order- end of procedure
court proceedings:
reprimand
arrest (30 days)

measures: public announcement
penalty forfeiture of material evidence
interdiction of car driving (max 3 years)

crime: 9 art. (art. 173-180) – penal code

penalty: fine
deprivation of liberty (max12 years)

measures: public announcement
penalty permanent interdiction of car driving

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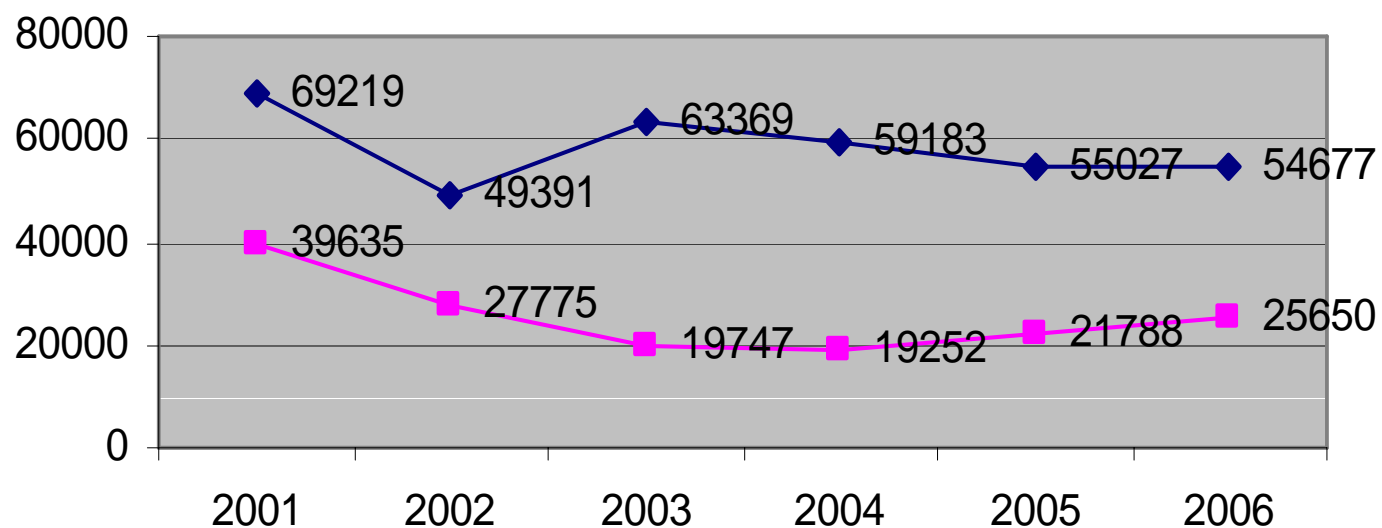
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Petty offences: (selected art. 86,87 i 90) – lodged cases

(unprotecting precautions, driving under alcohol)

2006 – 84017 cases

Petty offences: (selected art. 86,87 i 90) validity decision



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Crime 2006

PROSECUTOR OFFICES:

total procedure institutes:	1 556 000
against safety in transport:	210 000 - 14%
ascertainment of crime in transport:	198 334
in road transport:	197 712 – 99,7%

COURT:

adjudged against transport safety	173 861
recognised as guilty	166 182
from accidents	over 17 000



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Written reports & court experts

**Prosecutor offices: finished cases of accidents
about 32500**

No. of written reports:	no statistics
Estimated :	40000 - 45000 written reports
Expertises:	in 95% cases
Often in case:	1, 2 or 3 expertises

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Written reports & court experts

Road transport: court experts (> 1000), experts, specialistic institutions

Railways: government commission, court experts (26)
State Commission on Railway Accidents Investigation (PKBWK)

Aviation: government commission, court experts (18)
State Commission of Aircraft Accidents Investigation (PKBWL)

Sea: Maritime Chamber, court experts (22)

Specialistics Institutions:

Road Transport

- Institute of Forensic Research - Kraków (IES)
- Central Criminal Laboratory of Police (CLKP) Warszawa
- Automotive Industry Institute – Warszawa – (PIMOT)
- Institute of Road Transport – Warszawa – (ITS)
- University of Technology: Kraków (PK), Lublin (PL), Łódź (PŁ), Warszawa (PW), Radom (PR), Kielce (US)

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Written reports & court experts

Specialistics Institutions:

University of Technology	Railway	Aviation	Martime transport
Gdańsk	Division of Railway Engineering		Ocean Engineering and Ship Technology
Kraków	Institut of Railway Vehicles		
Rzeszów		Departament of Mechanical Engineering and Aeronautics	
Silesia	Division of Railway Transport		
Radom	Division of Railway Technology and Organisation		
Warszawa		Institut of Aviation Technology	
Poznań	Institut of Railway Vehicles		
Szczecin			Department of Maritime Technology
Wroclaw		Department of Aviation Engineering	
Maritime University of Szczecin			Maritime University of Szczecin
Maritime University of Gdynia			Maritime University of Gdynia
Military Institute of Aviation Medicine		Military Institute of Aviation Medicine	
Military University of Technology		Institut of Aviation Technology	

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Court experts and experts

Training and training materials

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POSTGRADUATE STUDIES

- **Postgraduate Studies – „Road Accident Expertises” – UT Kraków + Institute of Forensic Science (the oldest one)**
- **Postgraduate Studies– „Safety of Road Traffic and Car Appraising” – Society of Vehicle Technology and Traffic Experts + UT Warszawa + Military University of Technology**
- **Postgraduate Studies– „Appraising of Vehicles, Safety and Vehicle Diagnostic”– UT Lublin**
- **Postgraduate Studies– „Vehicle Accident Reconstruction and Aftercrash Vehicle Repairing” – UT Radom**
- **Postgraduate Studies– „Vehicle Accident Reconstruction” – Silesian UT Katowice**
- **II Level Studies „Vehicle Exploation and Car Appraising”– University of Bielsko – Biała**
- **Postgraduate Studies „Criminalistic Reconstruction of Vehicle Accidents” – Wrocław University, Dept. of Law**

COURSES:

- **SRTSiRD – Society of Car Technology and Traffic Experts
„Institute of Car Technology”**
- **PZM – Polish Motor Association**
- **SIMP, SITK,**
- **DEKRA**



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Polish Centre for Accreditation

- **CCRS – Centre for Accreditation for Vehicle Experts**
- **Centre for Accreditation for Vehicle Experts PZM**
- **European Centre for Accreditation for Vehicle Experts and Vehicle Technik Specialists**
- **Technical Commission at Polish Center for Accreditation**

Field of Certification

1. **Vehicle Technology**
2. **Accidents reconstruction**
3. **Repair and cost calculation**

Possible combinations: (1), (1+2), (1+3), (1+2+3)

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Project **QUERY** – guidelines for best practice in accident reconstruction



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Books and training materials:

Institute of Forensic Research

- books: „Road accidents – vademecum for experts”, „Law and Technical Problems in Road Accidents” ,”PCCRASH –step by step”, „Essays on the road”
- monthly journal "Paragraph on the road"
- software „RWD – Pedestrian”,”RWD – Collision”
- conferences „Problems of Car Accidents Reconstruction”

INFO-Ekspert

- books: "Reports of road accidents –selected problems”
- monthly journal „Biuletyn”
- price lists

CK Beck

- The Supreme Court judicature

Conference materials:

- UT Kraków, UT Kielce, UT Lublin, High School of Bussines - Radom

Softwares:

Cyborg-Idea: V-Sim, Plan, Tytan, Slibar

Foreign books and softwares



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Prosecutor and judges Training and courses

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Courses and training in connection with accidents

1. university – criminalistic – UJ (3 hour)
2. postgraduate – The National Training Centre for the Officials of the Common Courts of Law and the Public Prosecutor's Office (4 hour)
3. Center For Education in Forensic Science (30 hour)

Trained:

1188 prosecutors, 456 judges (in 15 year period)

One day training - trained > 1000 judges

IES, SRTSiRD

Announced on 2008 in IFR – 2 courses (30 h) – 100 prosecutors
– 3 courses (4 h) – 150 judges

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New scientifics directions

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Creation of scientific and organisational base for vehicle diagnostics after collisions

Expansion of biomechanic and accident medicine in accident reconstruction

Creation of system for national accident database

Creation of system for collection medical data (injury vs. costs)

Creation of system for transferring conclusions from accident investigation to safety transport managing

Safety transportation of loads

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Thank you for your attention

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