



MAŠINSKI
FAKULTET
PODGORICA

Univerzitet Crne Gore, Mašinski fakultet
STUDIJSKI PROGRAM DRUMSKI SAOBRAĆAJ

OSNOVE PLANIRANJA SAOBRAĆAJA

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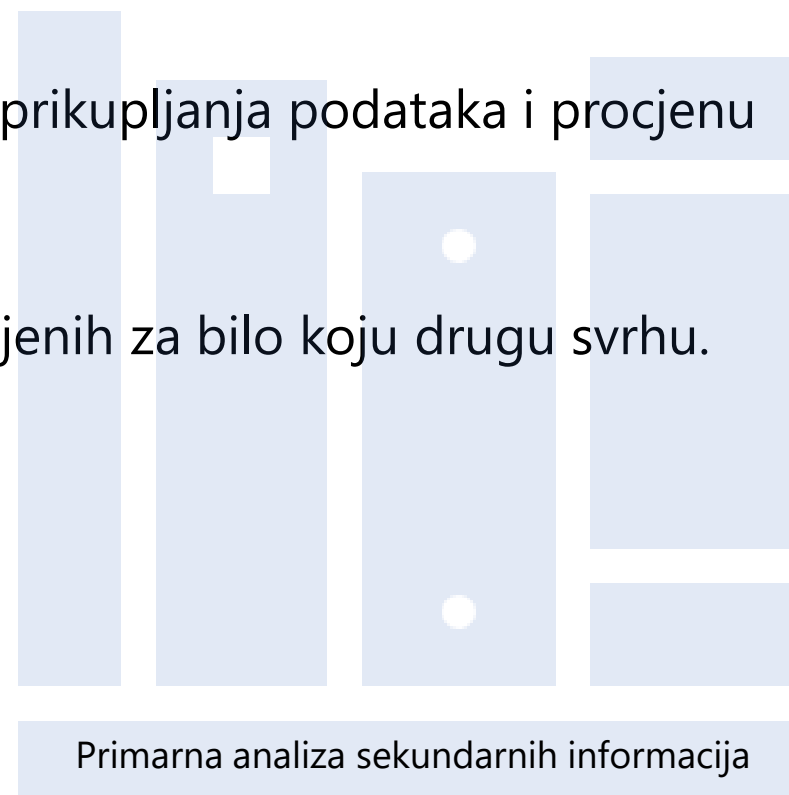
2021/22



Desk istraživanja



- Desk istraživanje predstavlja kvantitativni pristup prikupljanja podataka i procjenu informacija sadržanih u sekundarnim izvorima.
- Sekundarni izvori = statistika ili izvještaji pripremljenih za bilo koju drugu svrhu.
- Ostali kvantitativni izvori prikupljanja podataka:
 - Anketni upitnici
 - Testovi
 - Analiza sadržaja
 - Sociometrija



Ako podaci koji su vam potrebni već postoje, nema potrebe da „izmišljamo toplu vodu“.



Desk istraživanja



Prednosti desk istraživanja:

- Daje opšti pregled situacije
- Procjenjuje i predviđa stanje
- Utvrđuje vektore razvoja oblasti
- Relativno niska cijena
- Brzo prikupljanje podataka
- Analiza velike količine podataka
- Brza analiza prikupljenih podataka
- Dostupnost informacija iz nezavisnih izvora
- Velika pouzdanost koju omogućavaju višestruki izvori podataka



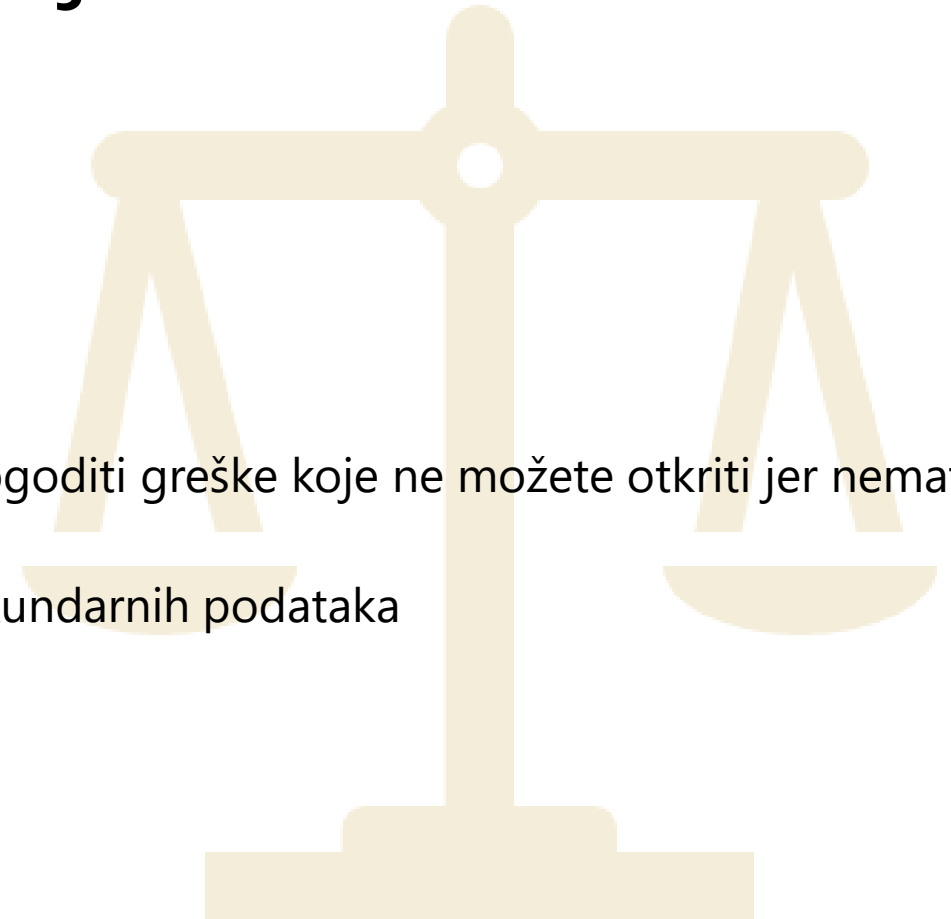


Desk istraživanja



Mane desk istraživanja

- Informacije su opšte prirode
- Podaci mogu biti zastarjeli
- U toku istraživanja drugih ljudi mogu se dogoditi greške koje ne možete otkriti jer nemate pristup izvornim podacima
- Teško je provjeriti tačnost i pouzdanost sekundarnih podataka





Desk istraživanja

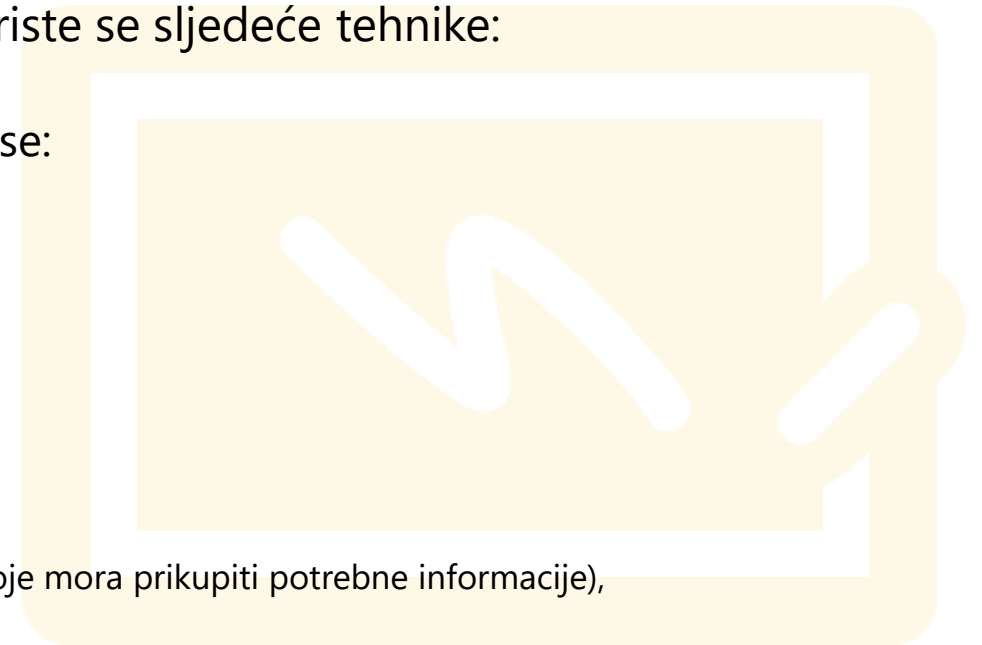
Kako bi se osigurao kvalitet sekundarnih informacija, koriste se sljedeće tehnike:

1. Da bi se osigurala uporedivost informacija, upoređuju se:

- korištene jedinice pokazatelja,
- klasifikacija podataka,
- rasponi vrijednosti,
- metode mjerenja pokazatelja i
- vrijeme objavljivanja.

2. Da bi se osigurala tačnost informacija, upoređuju se:

- svrha publikacije,
- izvor poruke (reputacija autora, njegove kvalifikacije i mogućnosti koje mora prikupiti potrebne informacije),
- metode prikupljanja informacija i njihova ispravnost,
- usklađenost podataka sa podacima iz drugih izvora i
- stepen primarnog izvora.



Izvori informacija za desk istraživanje



Publikacije

- objavljeni izvori podataka
- masovni mediji (periodika, nacionalni i lokalni časopisi)
- vladine publikacije (savezne, državne, lokalne)
- posebna izdanja.



Zakonodavstvo

- savezni zakoni
- lokalni zakoni.

Elektronski izvori

- baza podataka
- web stranice elektronskih medija
- vijesti informativnih agencija.

Državni organi

- ministarstva
- industrijska udruženja
- lokalne uprave;
- udruženja.

Desk istraživanja



Statistics – accidents data

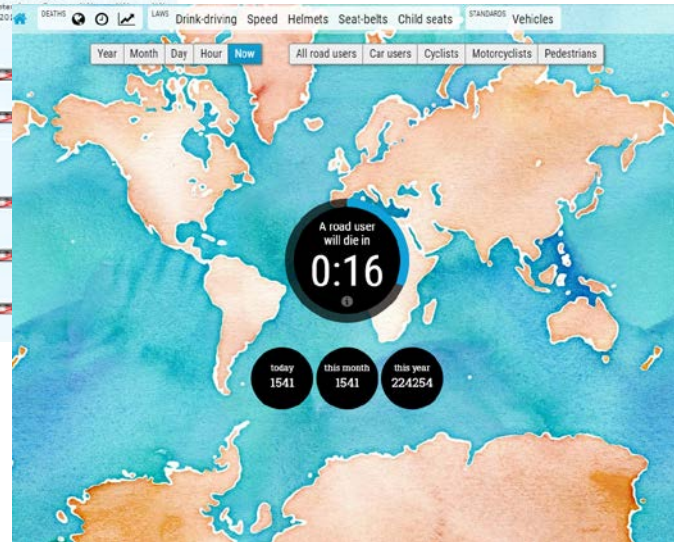
#Box1Tab2_tabsbottom a img { width: auto; height: auto; }

Map viewer Map library Charts & figures CARE Reports About CARE

Road accidents in the European Union using a Geographical Information System (GIS). A [map user guide \(527 kb\)](#) is available to describe the layout and contents of the following thematic maps.

Documents 2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004

| Updated on | 2020 | 2019 | 2018 | 2017 | 2016 | 2015 | 2014 | 2013 | 2012 | 2011 | 2010 | 2009 | 2008 | 2007 | 2006 | 2005 | 2004 |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Reduction in Road Deaths versus 2010 (%) | | | | | | | | | | | | | | | | | |
| Reduction in Road Deaths versus 2001 (%) | | | | | | | | | | | | | | | | | |
| Road Deaths per Million Inhabitants | | | | | | | | | | | | | | | | | |
| Road Deaths per Million Inhabitants - Youngsters | | | | | | | | | | | | | | | | | |
| Age 15-17 | | | | | | | | | | | | | | | | | |
| Youngsters | | | | | | | | | | | | | | | | | |
| Age 18-24 | | | | | | | | | | | | | | | | | |
| Road Deaths per Million Inhabitants - The Elderly | | | | | | | | | | | | | | | | | |
| Age >64 | | | | | | | | | | | | | | | | | |
| Road Deaths per Million Inhabitants - Pedestrians | | | | | | | | | | | | | | | | | |



OECD Data

Road accidents

Related topics

Energy

Latest publication

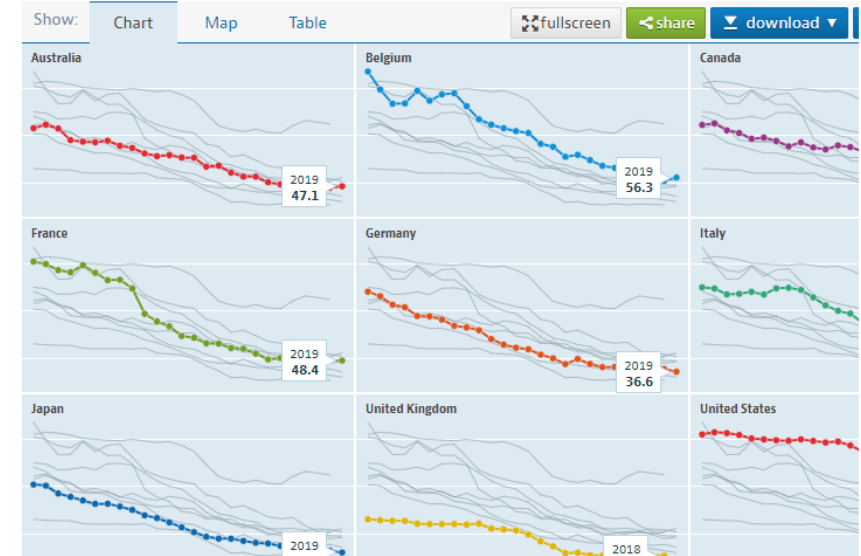
ITF Transport Outlook

PUBLICATION (2019)

Road accidents are measured in terms of the number of persons injured and deaths due to road accidents, whether immediate or within 30 days of the accident, and excluding suicides involving the use of road motor vehicles. A road motor vehicle is a road vehicle fitted with an engine as the sole means of propulsion and one that is normally used to carry people or goods, or for towing, on the road. This in-

[More ...](#)

Road accidents Deaths, Per 1 000 000 inhabitants, 1994 – 2019



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Baze podataka



Desk istraživanja



- ETSC Homepage
- PIN Homepage
- PIN Publications
- PIN Events
- PIN Members only

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information@etsc.eu

@ETSC_EU

Road Safety Performance Index (PIN) - Publications

The ETSC Road Safety Performance Index (PIN) is a policy tool to help EU Member States improve road safety. By comparing Member States' performance, it serves to identify and promote best practice in Europe and bring about the kind of political leadership that is needed to create what citizens deserve - a road transport system that offers maximum safety.



Cross-country comparisons are published three times a

Download the latest PIN Annual Report.

year in the series of Road Safety **PIN Flashes**. Since the beginning of the programme, cross-national comparisons have addressed a **wide range** of road safety themes and indicators. In June each year the **PIN Report** is launched at the **PIN Annual Conference**.

7th Annual Road Safety Performance Index (PIN) Report 17 June 2013
Back on track to reach the EU 2020 Road Safety Target?

- 7th Annual PIN Report
- Press Release
- Methodological note

PIN Flash 25 - Risk on the roads: a male problem? 17 June 2013
The role of gender in road safety

- PIN Flash 25

PIN Flash 24 - Towards safer transport of goods and passengers in Europe 17 April 2013
Deaths in collisions involving Goods Vehicles and Buses

- PIN Flash 24
- Press Release
- Background tables

6th Annual Road Safety Performance Index (PIN) Report 20 June 2012
A Challenging Start towards the EU 2020 Road Safety Target

- Full report
- Press Release
- Methodological note

PIN Flash 21 - Young men four times more likely to die on EU roads than young women 29 November 2011

- Press release
- PIN Flash 21
- Background Tables
- Methodological Note

5th Annual Road Safety Performance Index (PIN) Report 21 June 2011
2010 Road Safety Target Outcome: 100,000 fewer deaths since 2001

- Full report
- Press release
- FAQ
- Methodological Note

PIN Flash 19 - Unprotected Road Users Left Behind in Efforts to Reduce Road Deaths 10 May 2011



Home / Publications / Overview / Global status report on road safety 2018

Global status report on road safety 2018

17 June 2018 | Report



Download (9 MB)



2

Publikacije

Overview

The *Global status report on road safety 2018*, launched annual road traffic deaths has reached 1.35 million. Ro: years. The burden is disproportionately borne by pees developing countries. The report suggests that the price measures exist. Drastic action is needed to put these m set and save lives.

Summary

- Summary (Eng)
- Summary (Fre)

Data visualization

- Death on the roads

Phone App

- GRS Info: an app for road safety data

More information

- Death on the roads



Godišnja statistika saobraćaja,
skladištenja i veza

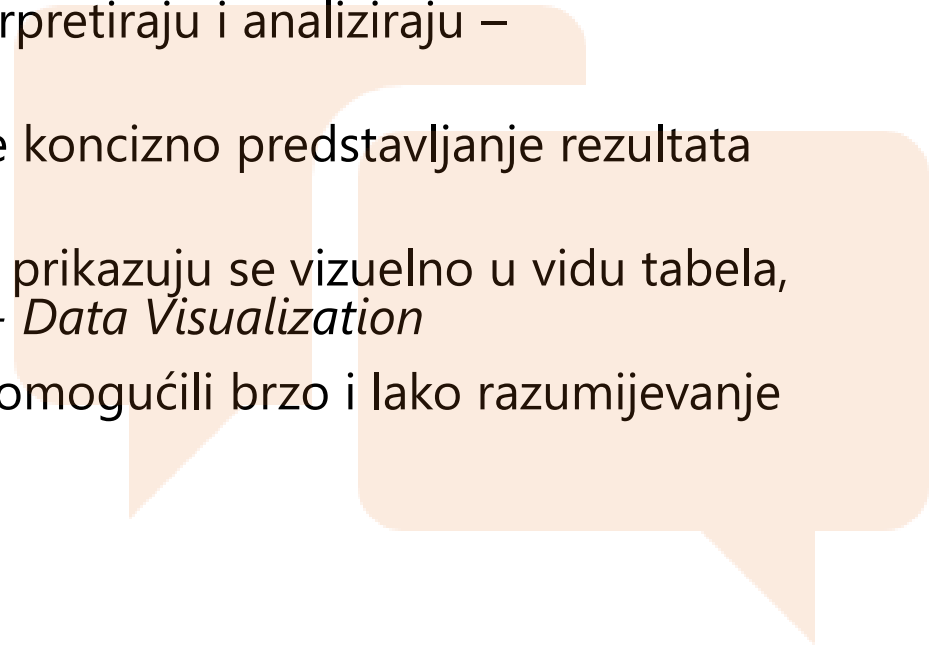
2019

Podgorica, maj 2020.



Desk istraživanja

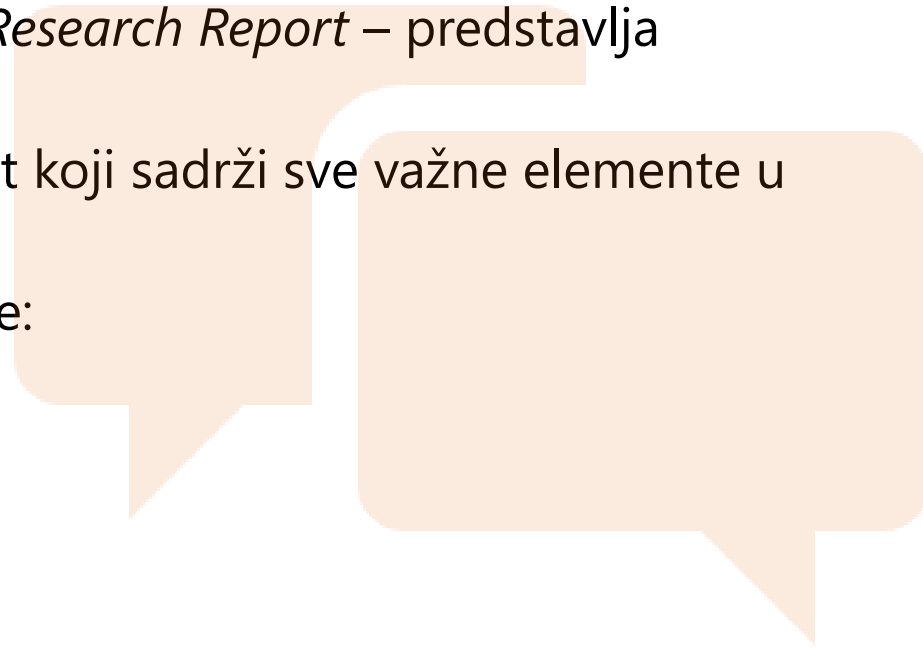
- Prikupljeni podaci se po pravilu sistematizuju, interpretiraju i analiziraju – **predstavljanje rezultata** – *Data Presentation*
- Na osnovu rezultata se donose preporuke stoga je koncizno predstavljanje rezultata veoma važan zadatak svakog desk istraživanja
- Informacije dobijene kao rezultat desk istraživanja prikazuju se vizuelno u vidu tabela, dijagrama ili grafikona – **vizualizacija podataka** - *Data Visualization*
- Podaci moraju biti pregledni i lako shvatljivi da bi omogućili brzo i lako razumijevanje informacija i uzročno-posljedičnih veza.
- Prikupljeni podaci se najčešće prikazuju u formi:
 - stubova (Bars),
 - histograma (Histograms),
 - dvodimenzionalnih i trodimenzionalnih tačkastih dijagrama (Scatterplots i 3D Scatterplots),
 - mrežnih dijagrama (Networks),
 - grafikona tokova (Streamgraphs),
 - mape grananja (Treemap),
 - gantograma (Gantt Charts),
 - i infografika (Infographics).

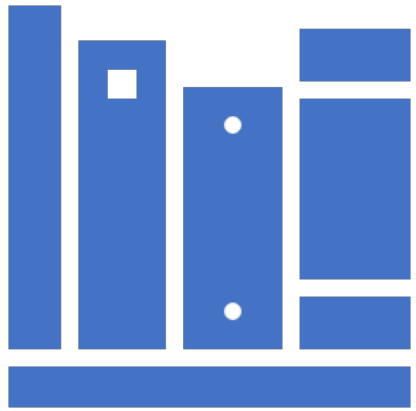




Desk istraživanja

- **Izrada studije o sprovedenom istraživanju** – *Research Report* – predstavlja značajan finalni korak svakog desk istraživanja
- Studija o sprovedenom istraživanju je dokument koji sadrži sve važne elemente u vezi sprovedenog istraživanja.
- Studija istraživanja obično sadrži sledeće delove:
 - uvod,
 - predmet istraživanja
 - ciljevi istraživanja,
 - metodologija istraživanja,
 - rezultati istraživanja,
 - zaključci i preporuke, i
 - priloge u vidu tabela, grafikona, ilustracija i drugih elemenata.

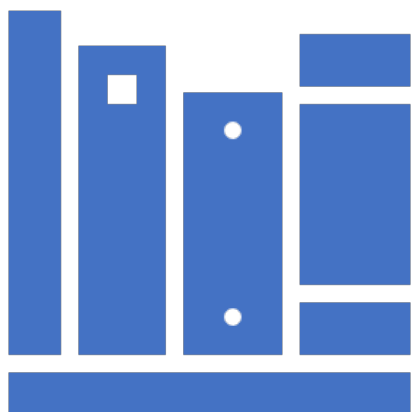




Desk istraživanje

Samostalni rad studenata

Samostalno desk istraživanje



Zadaci svakog studenta:

- Odabir indikatora
- Definisane vremenskog perioda za koje će se sprovesti istraživanje odabranog indikatora (ne manje od 3 godine)
- Sprovođenje istraživanja o odabranom indikatoru
- Izrada studije o sprovedenom istraživanju u kojoj će podaci biti predstavljeni deskriptivno (opisi) i vizuelno (tabele, grafikoni, dijagrami...)
- Studija se predaje u word formatu
- Student može osvojiti 10 bodova

