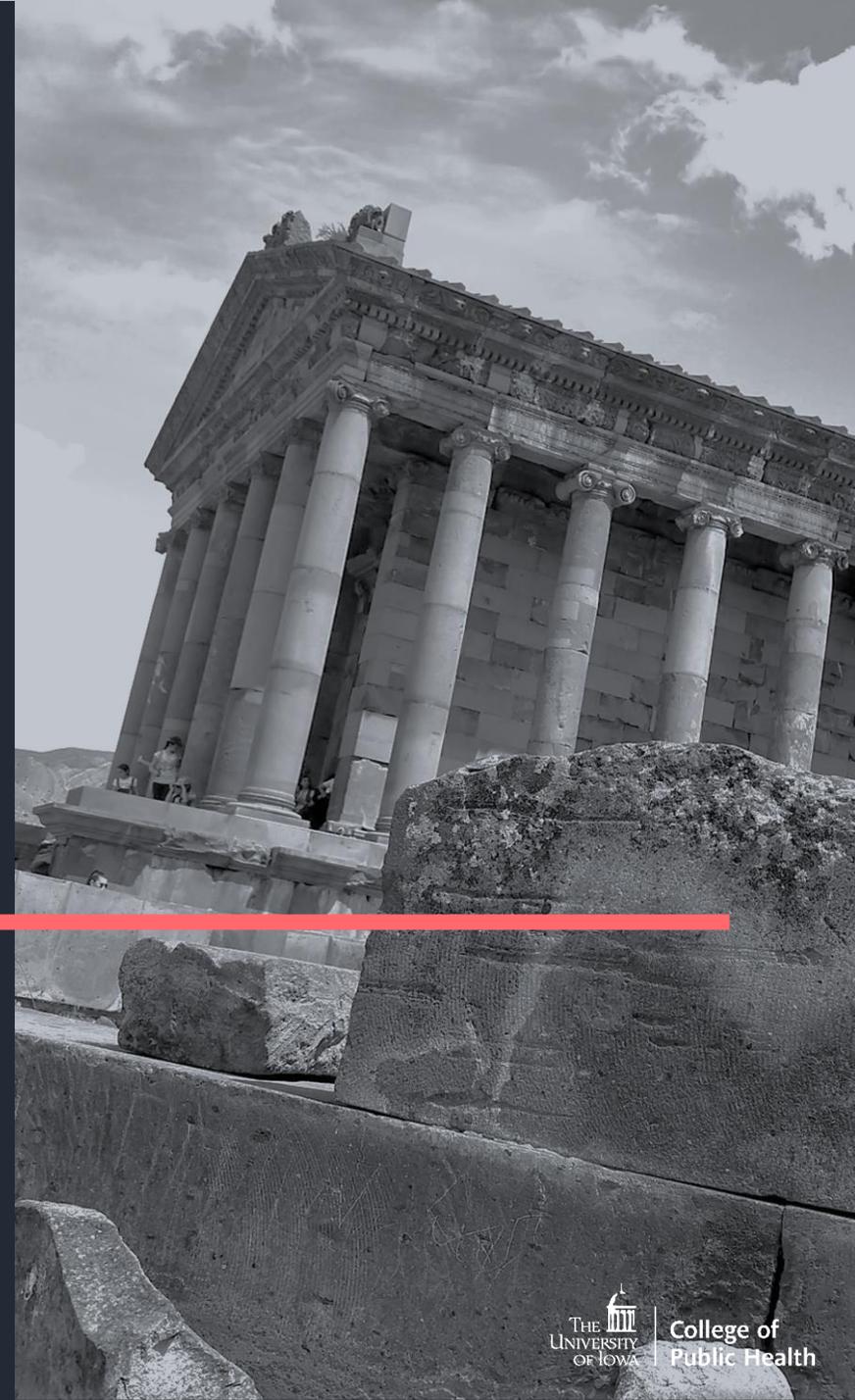




Pilot testing an Injury Registry in Eastern Europe – learning from iCREATE Project

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- PAST PARTNERS
- CURRENT PARTNERS
- TRAIN THE TRAINER

INJURY BURDEN IN PARTNER COUNTRIES

- All current partners are in UNICEF Central and Eastern Europe and Commonwealth of Independent State region
- Already making progress in health disparities and collaborative partnerships
- Areas of concern:
 - poor infrastructure for interagency cooperation
 - **poor data infrastructures**
 - continued need for economic support
 - gaps in legislation impacting health

Emergency Department Registries (data collected throughout 2018)

8

Hospitals with
implemented registries

13,082

Registry records
collected

9,000 to
48,000

Total hospital patients in
2018

Data collection

Registries used to develop the injury surveillance system for the

iCREATE Pilot:

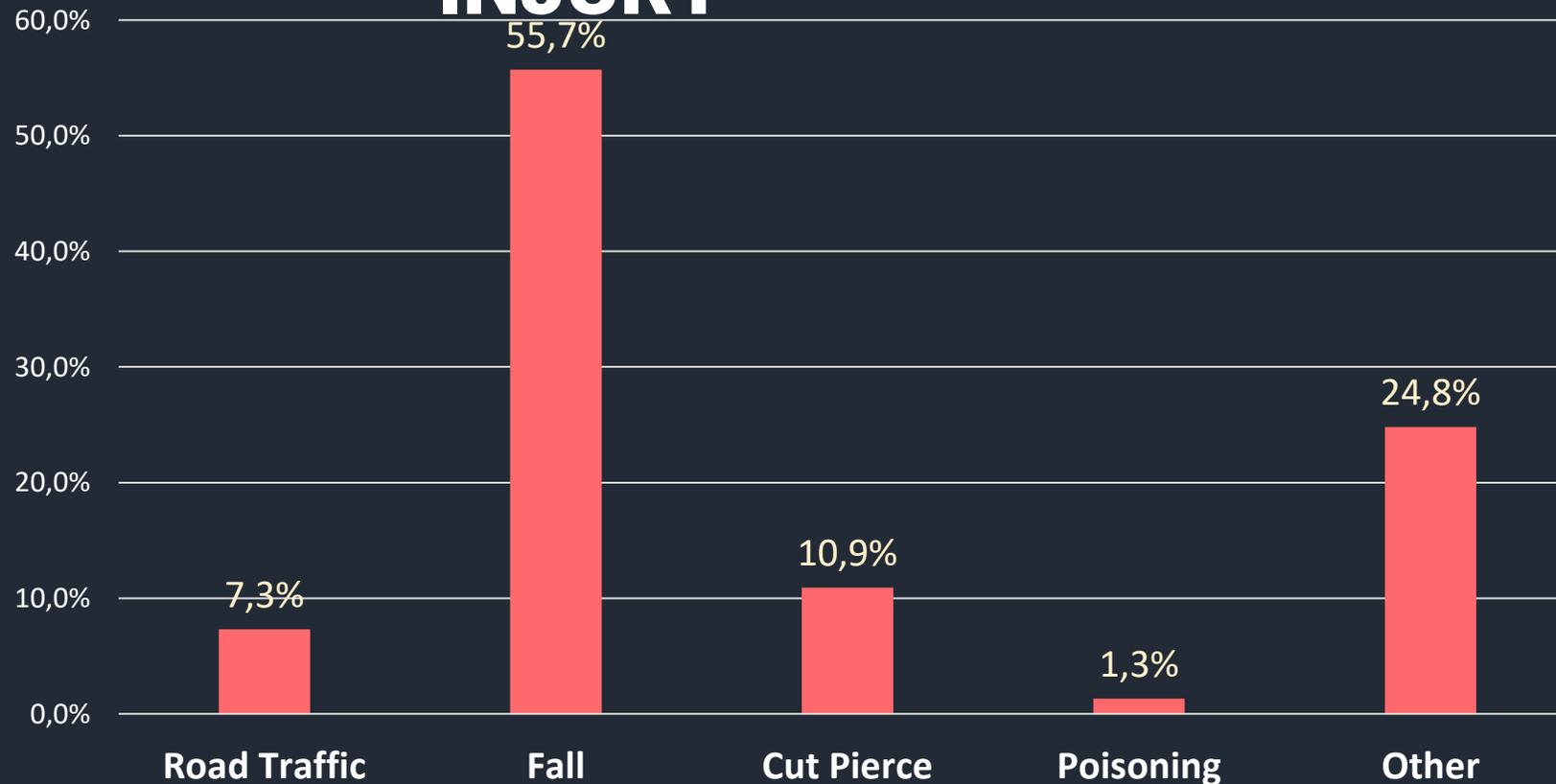
- WHO,
- ICD-10,
- IDB-JAMIE
- Iowa Trauma Registry

Variables coded other or unknown different by country

- More than 30% - mechanism of injury in Armenia
- More than 40% - place of occurrence in Georgia

Injury Surveillance

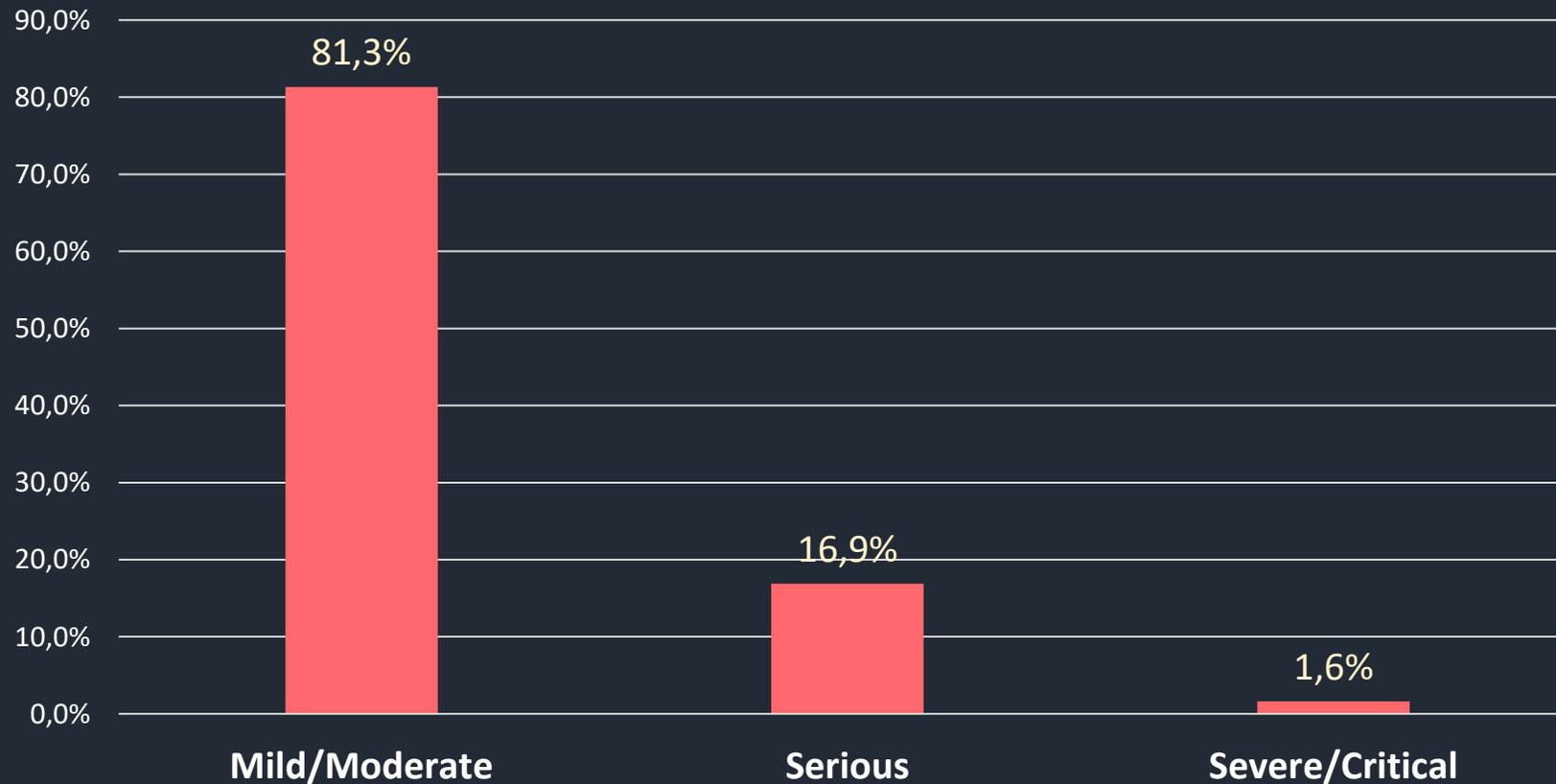
MECHANISM OF INJURY



Less than 1% died, other, or unknown

Injury Surveillance

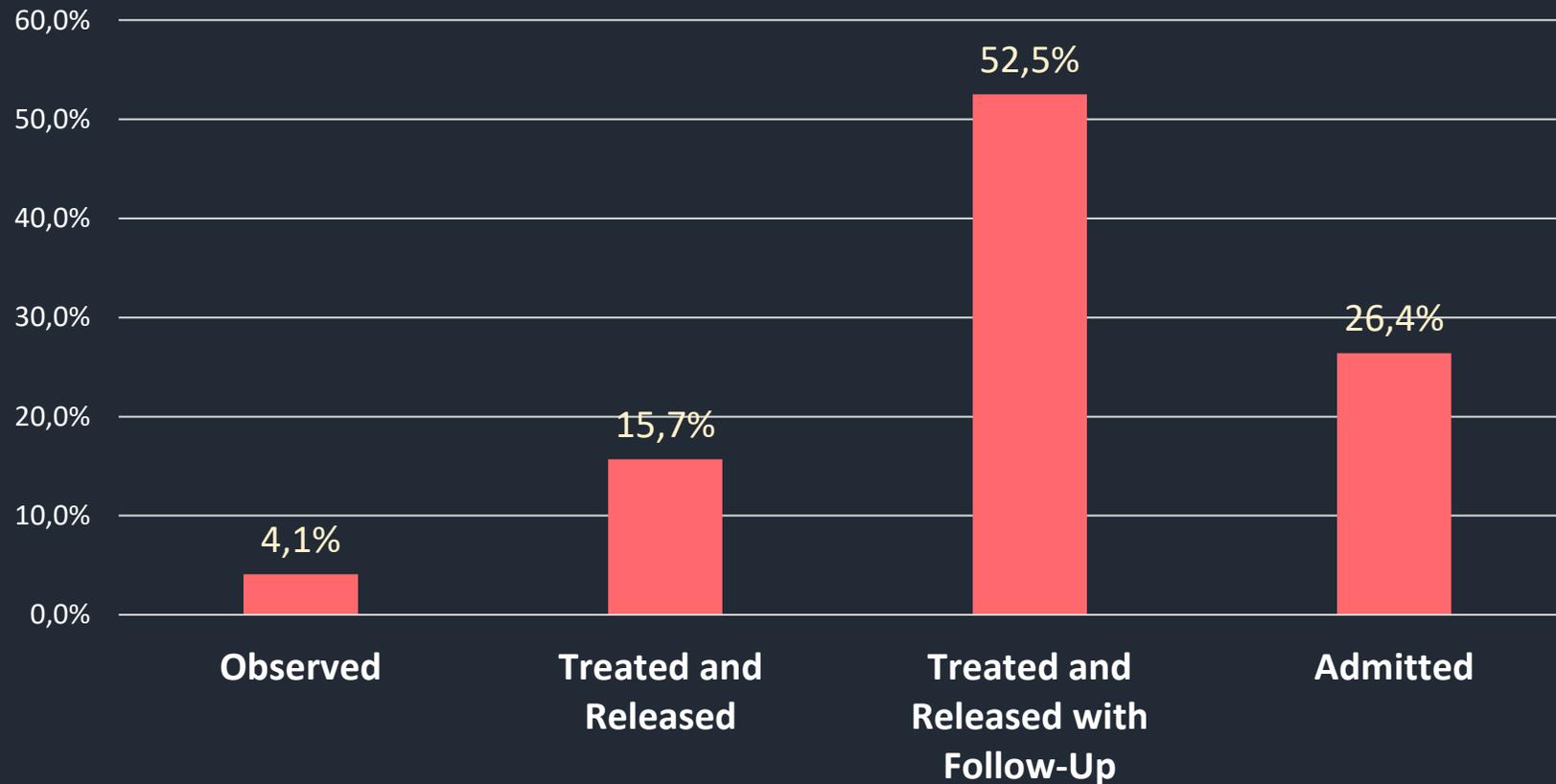
SEVERITY



Less than 1%
unsurvivable

Injury Surveillance

DISPOSITION



Less than
1% died,
other, or
unknown

Road Traffic Safety Equipment

Among motor vehicle occupants:

- 34.2% were wearing a seatbelt

Among child motor vehicle occupants:

- 10.0% were in a safety seat (60% unknown)

Among motorcyclists:

- 10.9% were wearing a helmet (45% unknown)

Violence Prevention Moldova N=550, 6.9%

- 69.1% male perpetrators
- 84.5% physical assault
- 37.8% the perpetrator was an adult, between 25-64+ and more than 50% was unknown
- 57.7% was a stranger and 19.9% acquaintance or friend only 7.2% spouse

Surveillance: Conclusions

- Although there is missing data, specific modules like RTI and Violence can be collected using hospital-based injury surveillance systems
- Prevention strategies and policies can be built using evidence from hospital registries and data
- Different approach to improve data quality and increase reporting



THANK YOU

