



## Product related injuries in the European Injury Database (IDB)

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# Background

- Products have potential to cause harm to consumers
- Studies have shown that 15% of product related injuries could have been prevented by better product design / user instructions
- Monitoring is crucial for ensuring product safety in Europe
- European Injury Database (IDB) is an important source for monitoring and priority setting in health policies



# Research questions

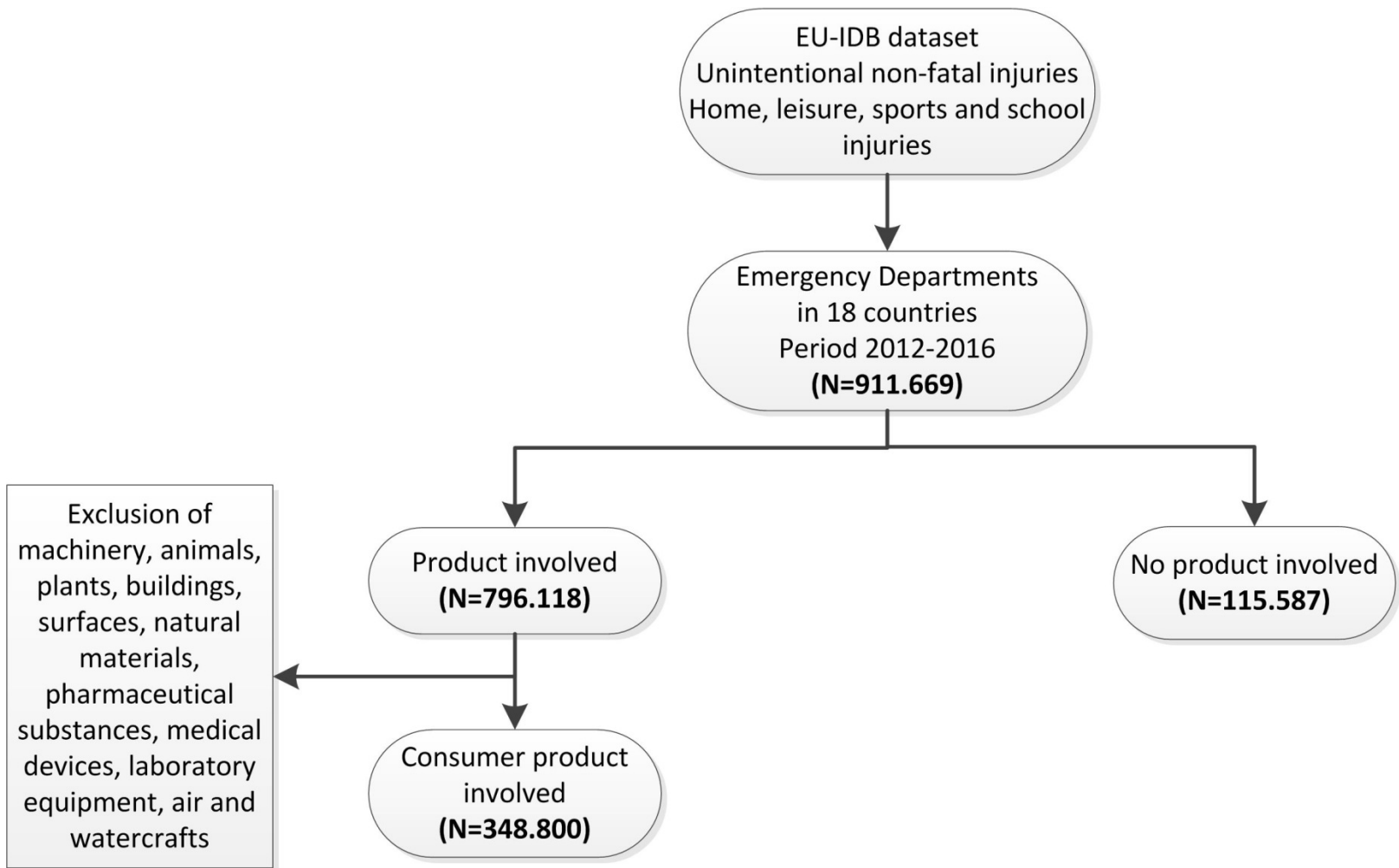
- What are the most prevalent product groups involved in injuries European wide?
- What are the differences and similarities in most hazardous product groups between age groups and across EU countries?

## European Injury DataBase

- Medical record data from ED's
- Sampling methods differ between countries
- Registers all products involved in the injury
  - by triggering the accident,
  - producing the injury
  - or otherwise involved



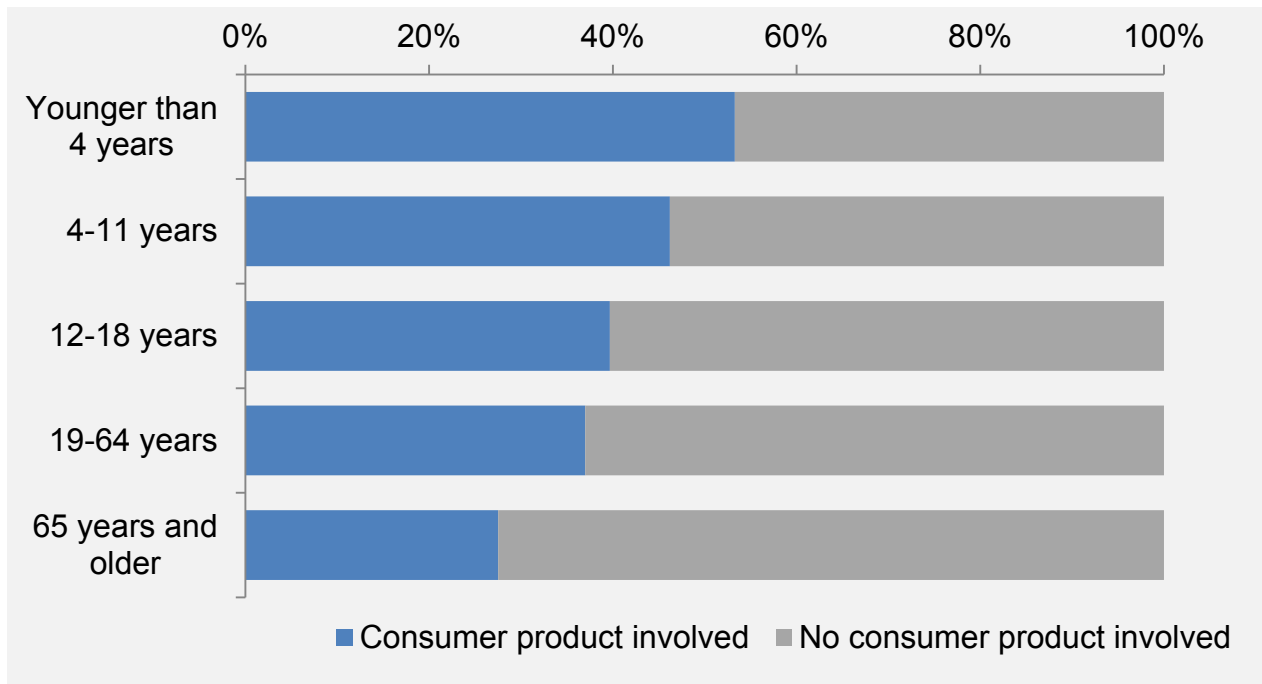
# Methods



# Results – Top 10 ranking of product groups

	Product group	N	%
1	Ball used in sport	44.579	13
2	Equipment with wheels or designed for movement mainly used for sports/recreational activity	26.231	7
3	Equipment/structure for playing sports and exercise	23.897	7
4	Chair, sofa	20.668	6
5	Food, drink, or related product	19.232	5
6	Bed, bedding or bedding accessories	18.163	5
7	Table, stand, cupboard, shelf or partition	18.047	5
8	Playground equipment	16.737	5
9	Cooking or food processing utensil	15.312	4
10	Unpowered hand tool/equipment	12.410	4

# Results – differences between age groups



## Top product group

Chair, sofa

Playground equipment

Ball used in sport

Ball used in sport

Bed, bedding or bedding accessories

# Results – children and adolescents (0-18 years)

Top	Younger than 4 years		4-11 years		12-18 years	
	Product group	%	Product group	%	Product group	%
1	Chair, sofa	17	Playground equipment	17	Ball used in sport	36
2	Bed, bedding or bedding accessories	14	Ball used in sport	6	Equipment/structure for playing sports and exercise	13
3	Table, stand, cupboard, shelf or partition	12	Equipment/structure for playing sports and exercise	14	Equipment with wheels or designed for movement mainly used for sports/recreational activity	12
4	Baby or child article	10	Equipment with wheels or designed for movement mainly used for sports/recreational activity	11	Table, stand, cupboard, shelf or partition	3
5	Playground equipment	8	Table, stand, cupboard, shelf or partition	6	Playground equipment	3

# Results – top-ranking playground and sport equipment among children/adolescents

		Netherlands	Slovenia	Sweden	Turkey	Denmark
<b>Playground equipment</b>						
1	Swing, swing set	2.3%	2.4%	3.0%	3.2%	2.3%
2	Climbing apparatus	5.3%	0.5%	3.1%	0.2%	1.5%
3	Slide, sliding board	2.8%	2.6%	1.7%	2.3%	1.5%
<b>Equipment/structure for playing sports and exercise</b>						
1	Trampoline	5.5%	4.0%	6.9%	<0.1%	7.5%
2	Gymnastic equipment	2.5%	0.7%	1.9%	<0.1%	1.0%

## Possible differences in

- Registration
- Sales figures
- Use



# Benefits Injury Data Network

- Comparison between countries difficult due to registration differences, but:
- Analysis of EU-IDB records provide valuable information for improvement of consumer product safety and consumer product guidelines
- Prevention possible through collaboration: products are distributed European wide!





## Questions / remarks:

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