



# ANALYSIS OF WORK-RELATED TRAFFIC ACCIDENTS

**National Institute of Occupational Safety and Health (INSHT)**

# MEYSS Work-related accident reports Delt@ System

Traffic

During a working day: at the workplace

During a working day: in work-related trips (in mission)

Commuting (in itinere)

## Work-related accident data 2012

### WRA: WORK-RELATED ACCIDENTS

IN A  
WORKING  
DAY

	No. of WRA	%
At the workplace	2,240	4.6
Traveling (in mission)		
Commuting (in itinere)		
<b>Total ALT</b>	<b>52,411</b>	<b>100.0</b>

Source: prepared by the OECT (INSHT) from the computer files of official work-related accident reports (MEYSS). 2012



## THE IMPACT OF TRAFFIC ACCIDENTS AS A PROFESSIONAL CONTINGENCY

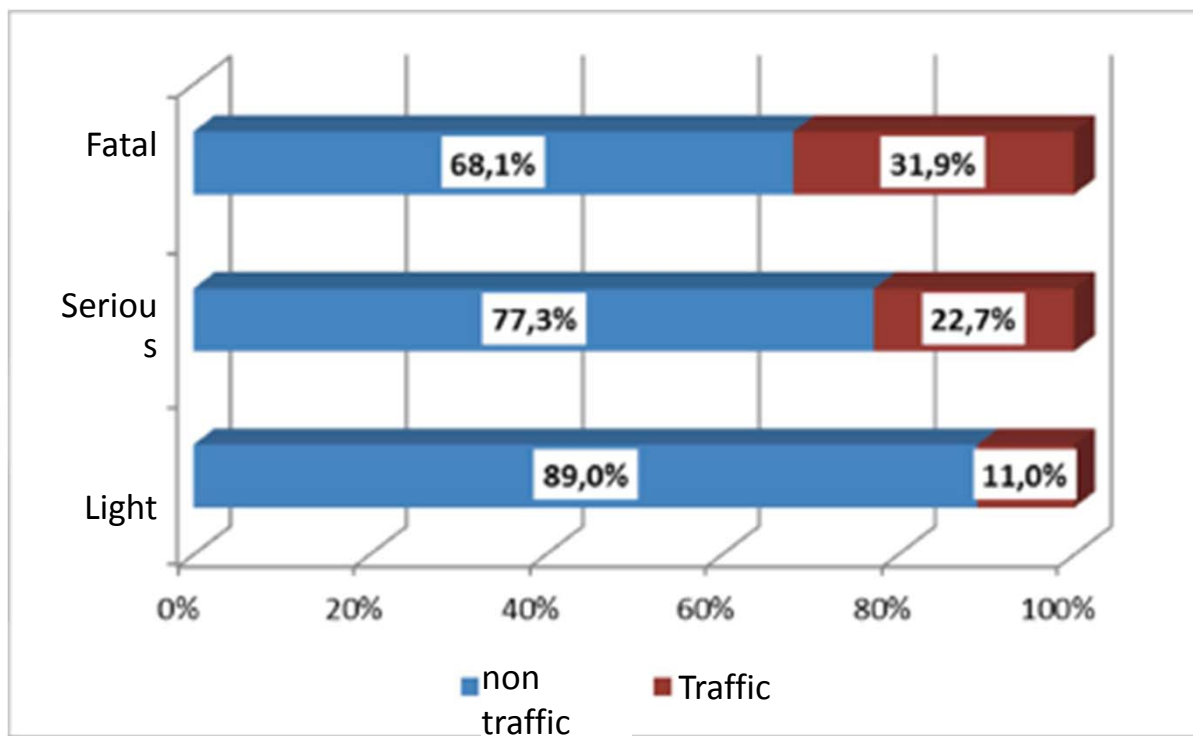
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**IN TERMS OF SERIOUSNESS AND GENDER**

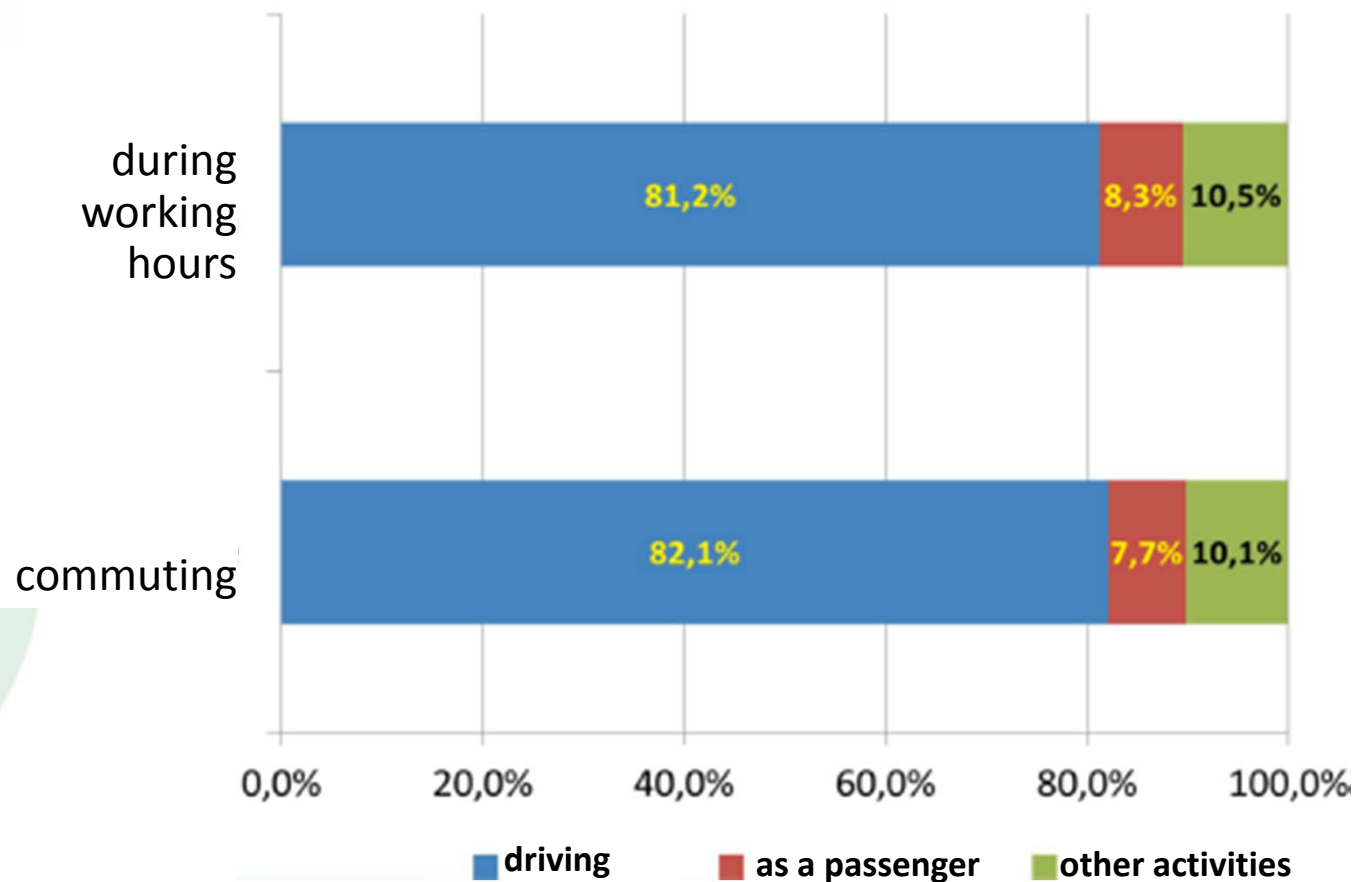


## Weight of the WRA in professional hazard due to work accidents according to seriousness



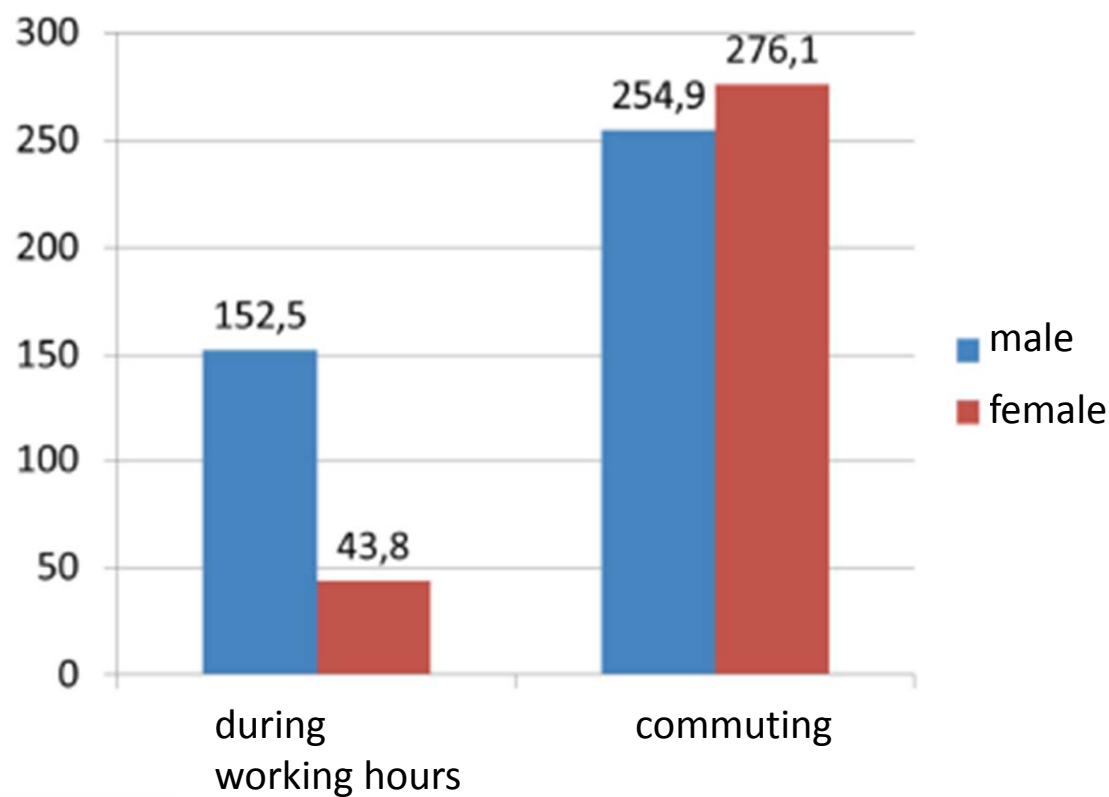
Source: prepared by the OECT (INSHT) from the computer files of official work-related accident reports (MEYSS). 2012

## WRA: Distribution according to specific activity



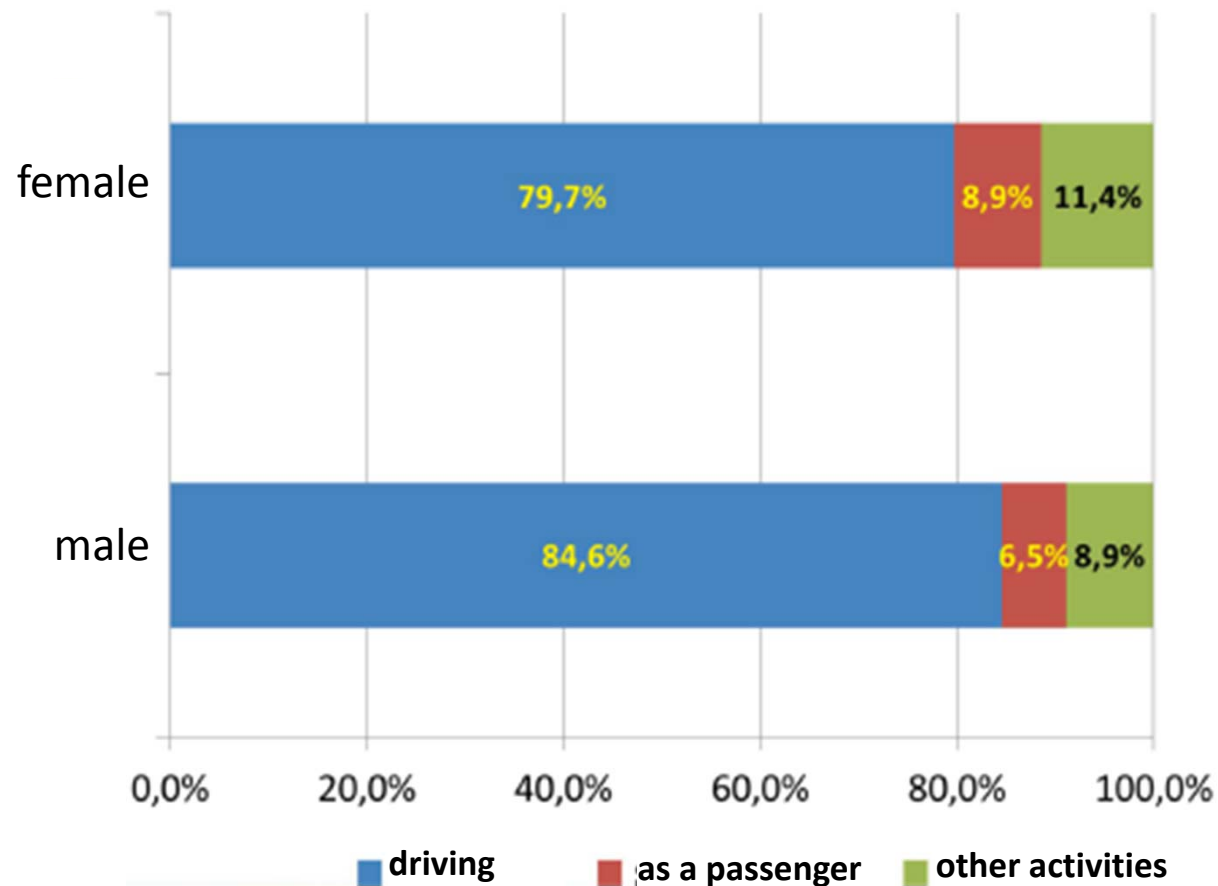
Source: prepared by the OECT (INSHT) from the computer files of official work-related accident reports (MEYSS). 2012

## Incidence of WRA during working hours and commuting according to gender



Source: prepared by the OECT (INSHT) from the computer files of official work-related accident reports (MEYSS). 2012

## WRA in commutes: distribution by gender and specific activity



Source: prepared by the OECT (INSHT) from the computer files of official work-related accident reports (MEYSS). 2012





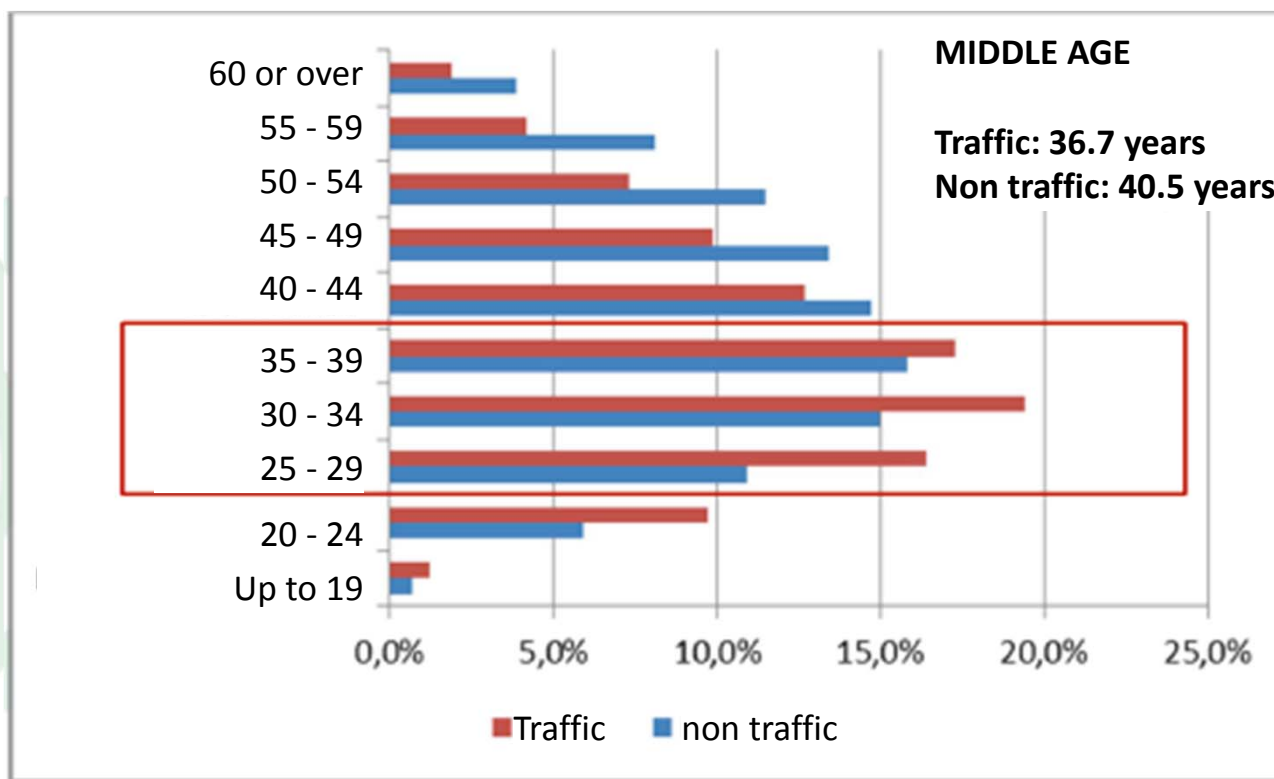
## THE IMPACT OF WRA AS A PROFESSIONAL HAZARD .....



**THE YOUNG AGE OF THE VULNERABLE POPULATION**



## Age

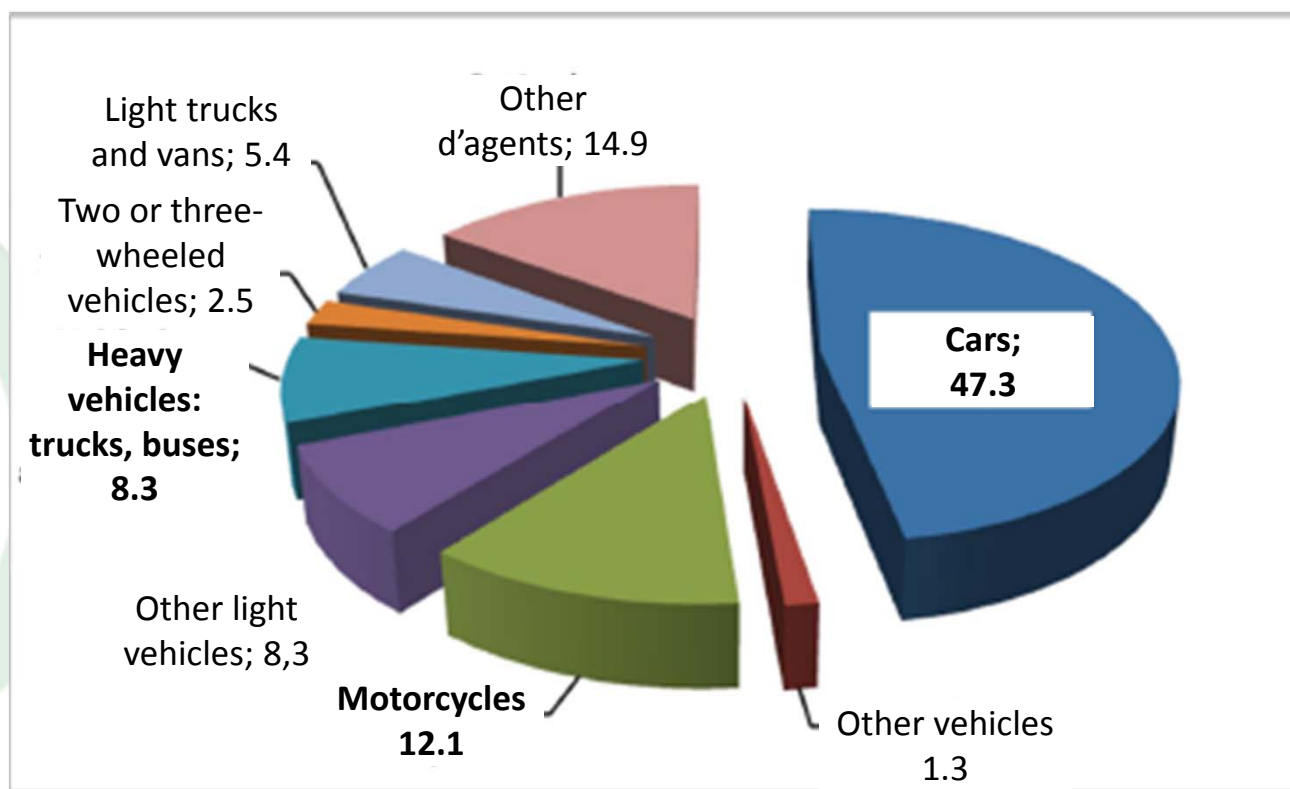


Font: elaboració pròpia del OECT (INSHT) a partir del fitxer informatitzat dels parts oficials d'accidents de treball (MEYSS). 2012

## Profile of WRAs

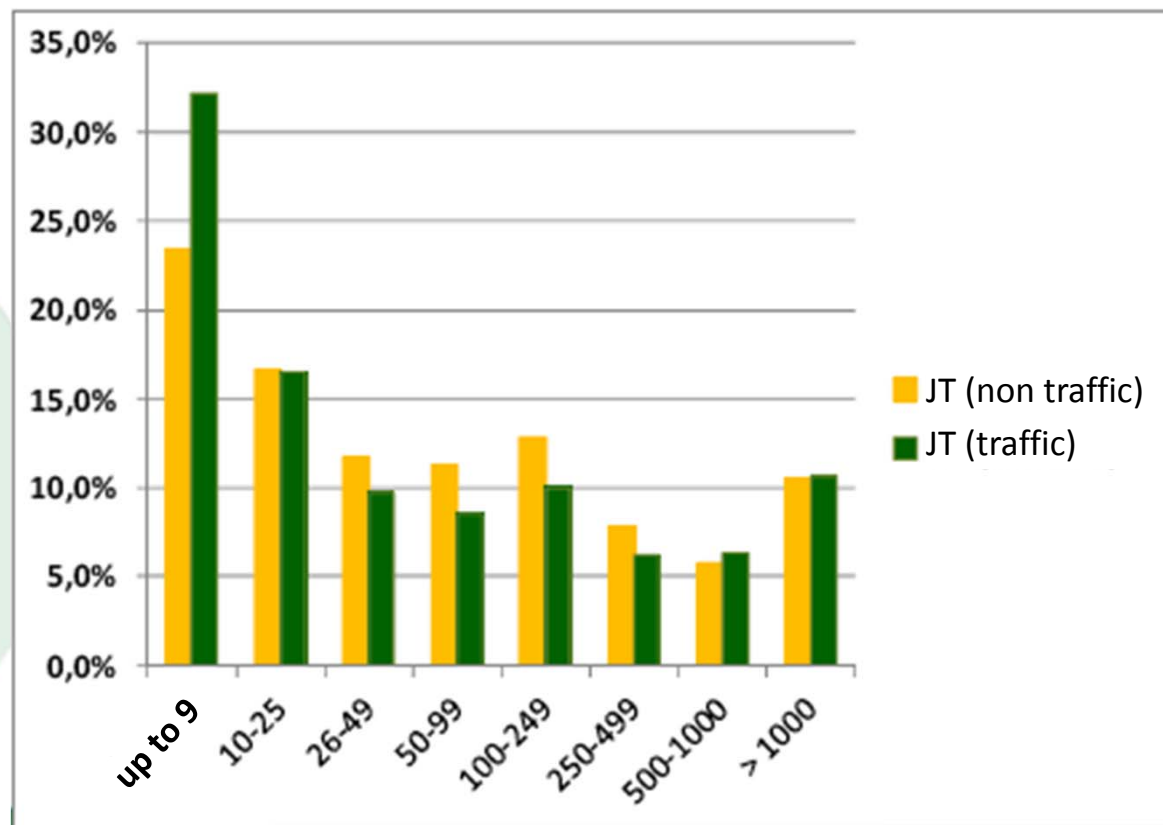
**Vehicles involved**  
**Size of the company**  
**Prioritization of vulnerable activities**

## Vehicles involved in WRAs in working hours



Source: prepared by the OECT (INSHT) from the computer files of official work-related accident reports (MEYSS). 2012

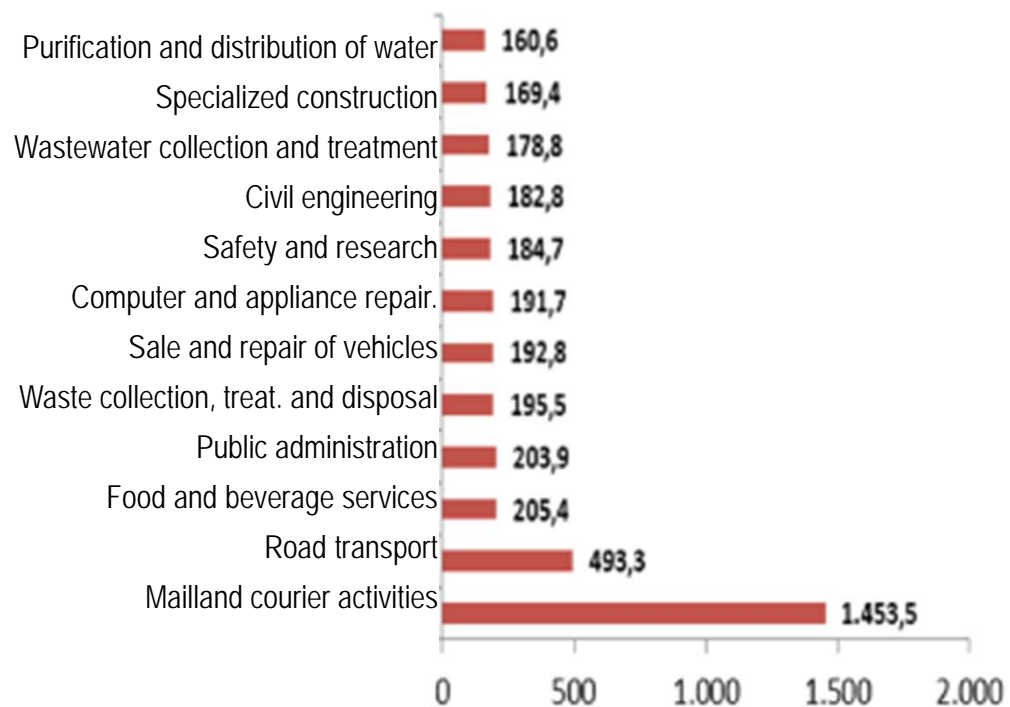
## Distribution of work related accidents according to working staff ranges: traffic versus non traffic



Source: prepared by the OECT (INSHT) from the computer files of official work-related accident reports (MEYSS). 2012

## Specific activity

### II WRA during working hours per activity



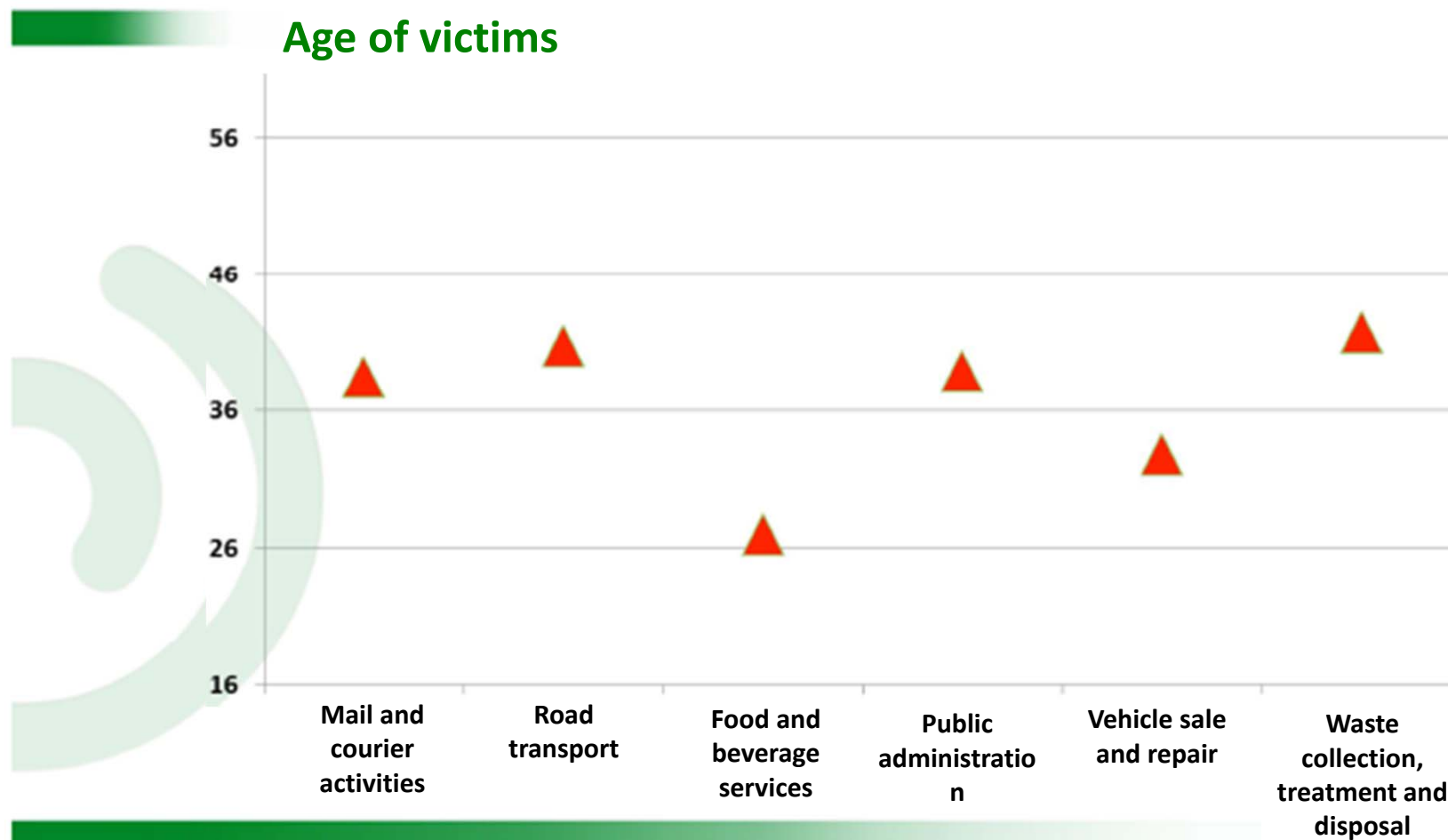
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## WRA during working hours: characteristics of priority activities



## WRA during working hours: characteristics of priority activities



Source: prepared by the OECT (INSHT) from the computer files of official work-related accident reports (MEYSS). 2012



## WRA during working hours: characteristics of priority activities

### Distribution of victims by gender

	Mail and courier activities	Road transport	Food and beverage services	Public administration	Vehicle sale and repair	Waste collection, treatment and disposal
male	72.9%	92.7%	90.9%	81.9%	91.2%	85.7%
female	27.1%	7.3%	9.1%	18.1%	8.8%	14.3%

Source: prepared by the OECT (INSHT) from the computer files of official work-related accident reports (MEYSS). 2012

## WRA during working hours: characteristics of priority activities

### Most frequent occupations involving WRA

Mail and courier activities	Road transport	Food and beverage services	Public administration	Vehicle sale and repair	Waste collection, treatment and disposal
Mail and courier employees(64%)	Drivers of cars and vans (41%)	Motorcycle riders (70%)	Policemen (66,8%)	Mechanics and machine adjusters (21,3%)	Urban waste collectors (60,1%)
Motorcycle riders (15,3%)	Truck drivers (38%)			Drivers of cars and vans (13,4%)	Truck drivers(19%)

Source: prepared by the OECT (INSHT) from the computer files of official work-related accident reports (MEYSS). 2012

## WRA during working hours: characteristics of priority activities

### Specific physical activity

	Mail and courier activities	Road transport	Food and beverage services	Public administration	Vehicle sale and repair	Waste collection, treatment and disposal
Driver	92.0	91.4	93.1	66.0	89.9	63.7
As a passenger	0.6	2.4	1.2	21.3	3.7	11.9
Other activities	7.4	6.2	5.7	12.7	6.4	14.4
Total	100.0	100.0	100.0	100.0	100.0	100.0

Source: prepared by the OECT (INSHT) from the computer files of official work-related accident reports (MEYSS). 2012

## WRA during working hours: characteristics of priority activities

### Type of vehicle involved

	Mail and courier activities	Road transport	Food and beverage services	Public administration	Vehicle sale and repair	Waste collection, treatment and disposal
Heavy vehicles	1.5	33.4	0.2	2.6	3.7	19.0
Light vehicles	5.7	9.7	2.0	5.4	9.2	9.5
<b>Cars</b>	<b>31.3</b>	<b>37.0</b>	<b>37.1</b>	<b>55.9</b>	<b>47.9</b>	<b>39.9</b>
Vans	3.1	5.2	0.9	3.6	9.0	9.5
Tractor trucks	0.1	0.3		0.0	0.4	0.6
Other light vehicles	0.5	0.5	0.	1.0	0.4	3.6
2-3 wheeled vehicles	<b>34.0</b>	1.6	<b>40.0</b>	15.8	16.5	5.4
Other land vehicles	0.5	0.8	0.6	1.2	0.9	1.2
Other vehicles	0.7	0.7	0.6	0.3	0.7	
Other agents	22.7	10.9	18.5	14.2	11.2	11.3
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

Source: prepared by the OECT (INSHT) from the computer files of official work-related accident reports (MEYSS). 2012


## WRA during working hours: characteristics of priority activities

### Size of company staff

	Mail and courier activities	Road transport	Food and beverage services	Public administration	Vehicle sale and repair	Waste collection, treatment and disposal
Up to 9	14,1	63,8	24,8	2,1	43,7	3,0
10-25	11,1	14,3	20,1	4,3	24,8	7,7
26-49	6,5	6,8	12,0	6,0	10,5	8,3
50-99	5,4	3,6	7,7	9,9	13,0	8,3
100-249	7,4	3,0	11,4	19,4	6,6	12,5
250-499	8,5	2,1	4,3	13,0	0,9	16,1
500-1000	18,0	3,1	9,0	12,0	0,4	22,6
Over 1000	29,0	3,3	10,7	33,3	0,0	21,4
Total	100,0	100,0	100,0	100,0	100,0	100,0

Source: prepared by the OECT (INSHT) from the computer files of official work-related accident reports (MEYSS). 2012

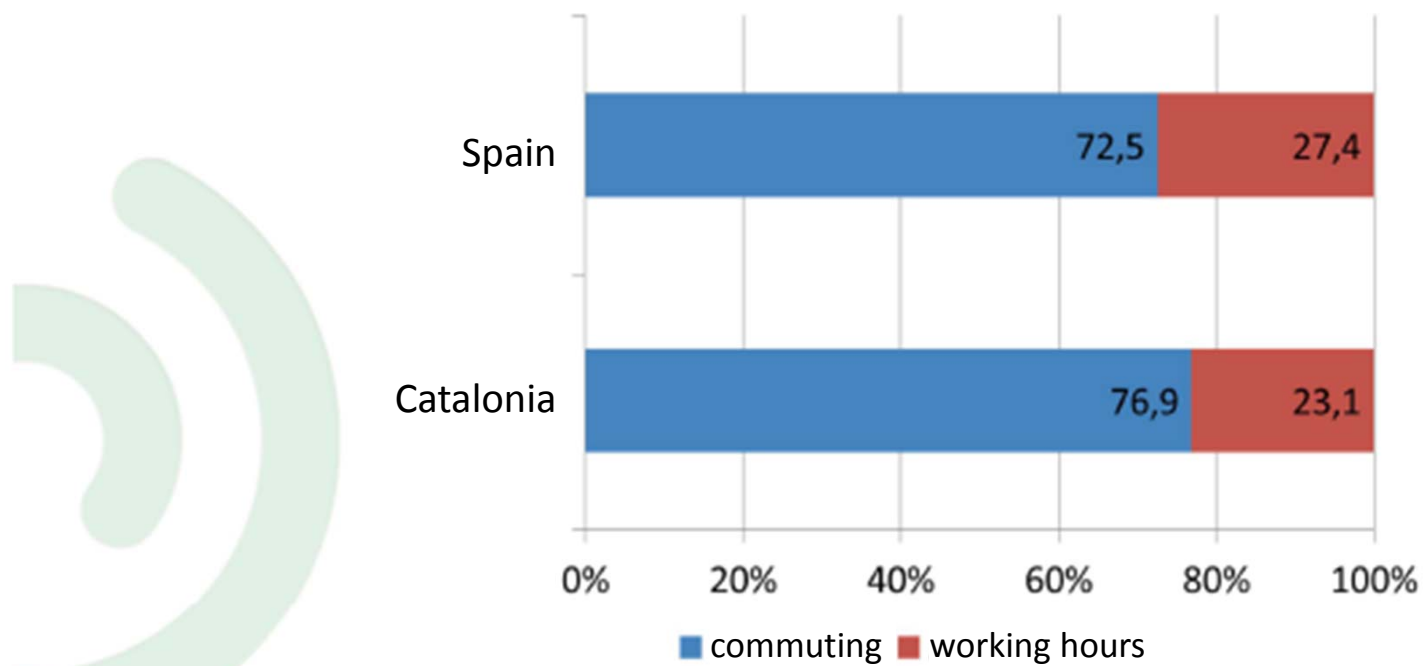
## WRA in Catalonia 2012



10,553 ALT {

- 2,433 during working hours
- 8,110 in commutes

## WRA in Catalonia 2012



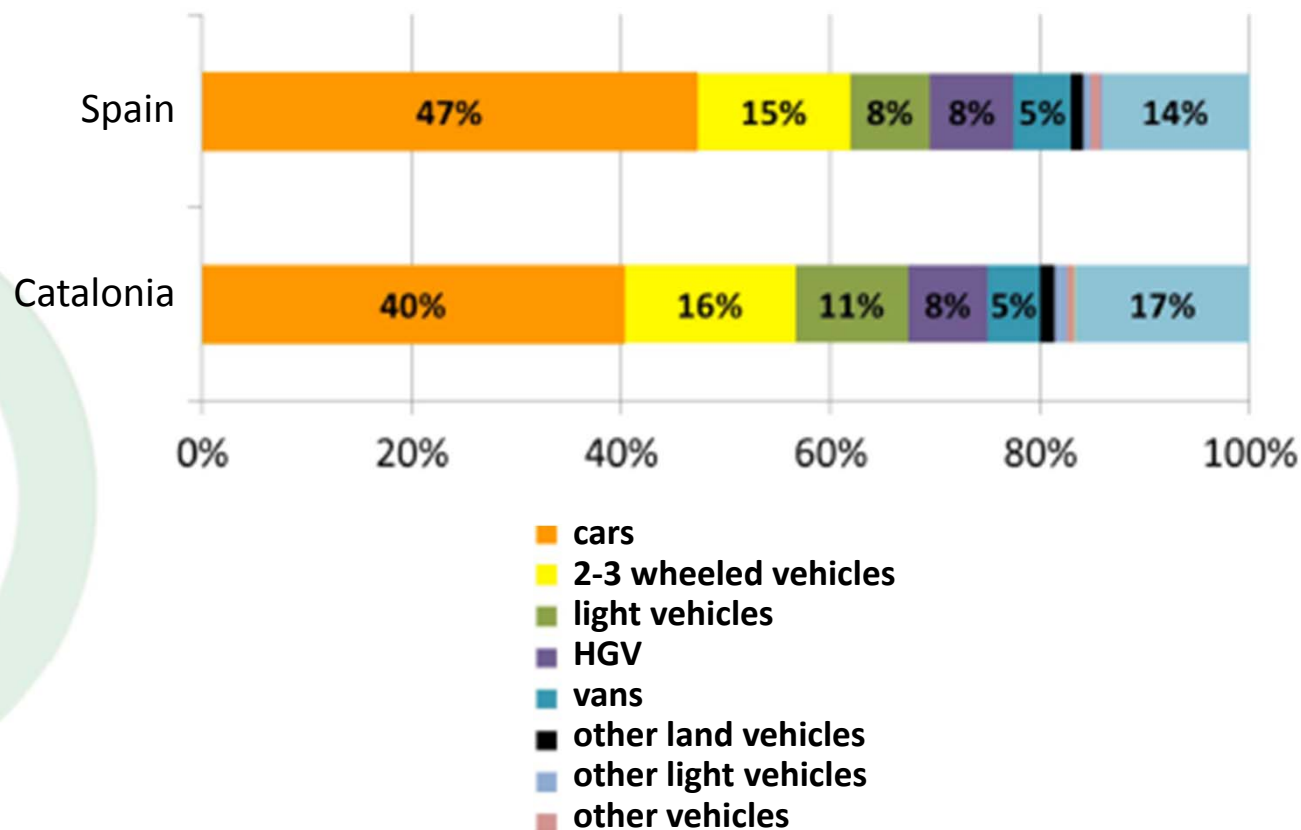
Source: prepared by the OECT (INSHT) from the computer files of official work-related accident reports (MEYSS). 2012

## Total WRA and WRA in working hours 2012: distribution per region

	ALT 2012	ALT JT 2012
	%	%
Andalucía	18,6	17,9
Aragón	1,9	2,0
Asturias	2,2	2,8
Baleares	3,0	2,8
Canarias	4,9	5,9
Cantabria	1,2	1,3
Castilla La Mancha	2,2	3,0
Castilla y León	3,3	3,6
Cataluña	20,3	17,0
Comunidad Valenciana	8,5	7,9
Extremadura	1,1	1,3
Galicia	5,9	6,4
Madrid	17,6	18,6
Murcia	3,4	3,3
Navarra	1,1	1,1
País Vasco	4,1	4,1
Rioja (La)	,5	,5
Ceuta y Melilla	,3	,5
Total	100,0	100,0



## WRA during working hours in Catalonia 2012



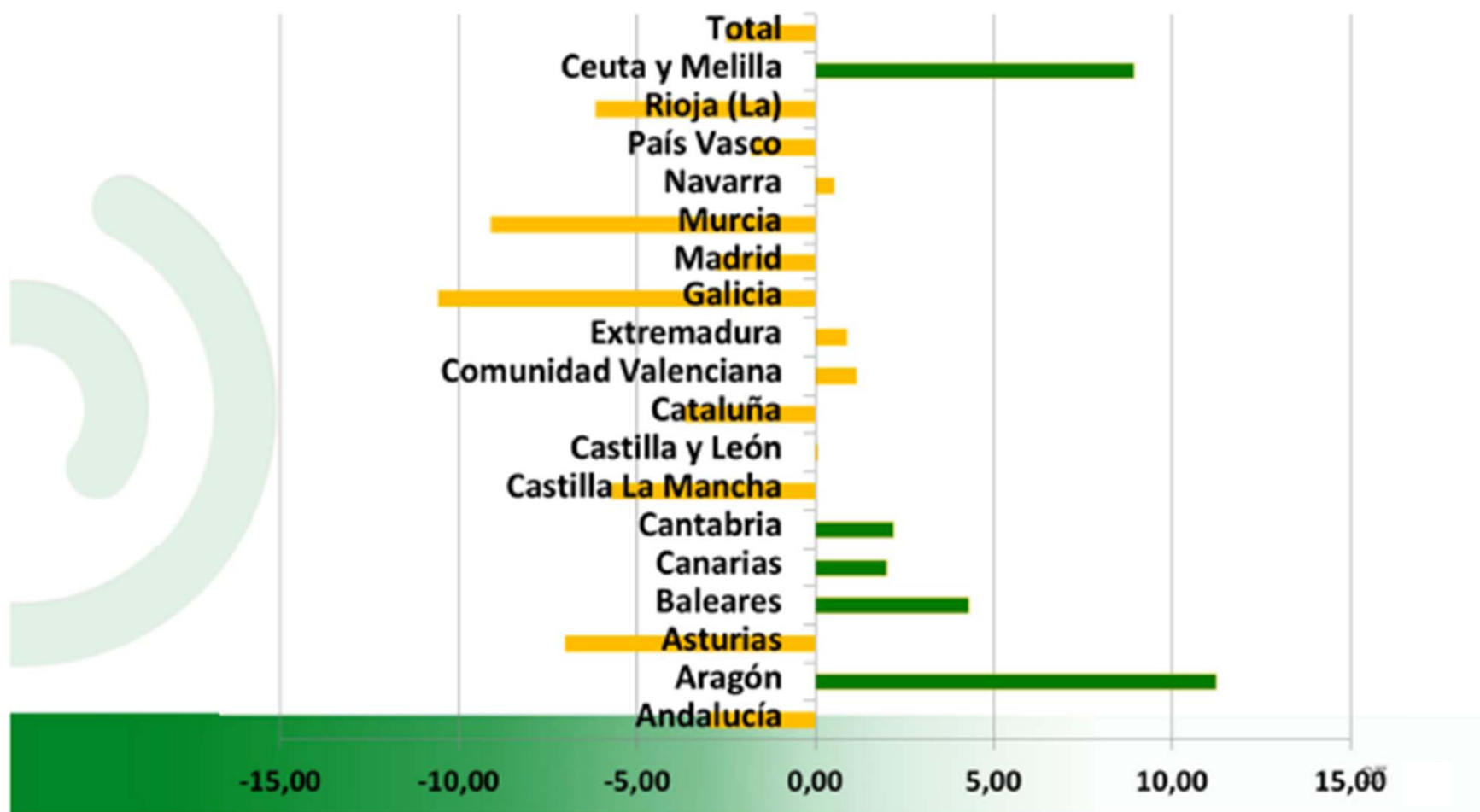
Source: prepared by the OECT (INSHT) from the computer files of official work-related accident reports (MEYSS). 2012



## Provisional comparison 2013 (advance) -2012



## Percentage increase in the number of WRA 2013 (provisional data) vs. 2012





**THANK YOU FOR YOUR ATTENTION**